

ARMY NAVY

GAZETTE OF THE JOURNAL. AND VOLUNTEER FORCES.

VOLUME XXVIII.—NUMBER 88.
WHOLE NUMBER 1442.

NEW YORK, SATURDAY, APRIL 11, 1891.

SIX DOLLARS PER YEAR.
SINGLE COPIES, FIFTEEN CENTS.

**JOHN PATTERSON & CO.,
TAILORS AND IMPORTERS,
No. 25 and 27 West 26th Street.
NEW YORK.
SUCCESSOR to HOWARD ACKERMAN.**

UNIFORMS.

JOHN G. HAAS, Lancaster, Pa.
UNIFORMS AND FINE MERCHANT TAILORING. WELL KNOWN
TO ARMY OFFICERS FOR THE PAST FOURTEEN YEARS.
PERFECTION IS OUR AIM

STEINWAY
GRAND AND UPRIGHT
PIANO-FORTES.

The recognized Standard Pianos of the World.
Prominently the best instruments made. Exported to and
sold in all art centres of the globe and endorsed and preferred
for private and public use by the greatest living artists.

Illustrated Catalogues mailed free upon application.

STEINWAY & SONS,
Nos. 107, 109 and 111 East 14th Street, New York.

European Depots:

STEINWAY HALL,
5 LOWER SEYMOUR ST., PORTMAN SQ., W.,
LONDON, ENGLAND.

STEINWAY'S PIANOFABRIK,
ST. PAULI, NEUE ROSEN STRASSE, 20 24,
HAMBURG, GERMANY.

PURE ALUMINUM,

One Dollar a Pound in Ingots.

THE CHEAPEST AND PUREST IN THE MARKET.

MANUFACTURED BY

The Cowles Electric Smelting and Aluminum Company,
Lockport, N. Y.

ALUMINUM BRASS AND ALUMINUM MANGANESE BRONZE THE STRONGEST
AND BEST METALS FOR PROPELLER WHEELS.

GOLD MEDAL, PARIS, 1889.

ELLIOTT CRESSON GOLD MEDAL.

JOHN SCOTT LEGACY MEDAL.

Correspondence Solicited.



MAGNOLIA METAL.
ENDORSED BY UNITED STATES AND
GERMAN GOVERNMENTS.

INMAN LINE

INMAN & INTERNATIONAL STEAMSHIP CO.,
(LIMITED.)

PETER WRIGHT & SONS, General Agents,

THE MAGNOLIA ANTI-FRICTION METAL CO.,
74 Cortlandt St., New York.

NEW YORK, OCT. 11TH, 1890.

Dear Sirs : This certifies that we have had your Metal in use for about three years in various service, some of which is the hardest that I have ever seen anti-friction Metal put to, and am free to say that it has given entire satisfaction.

It is the Best Metal for its purpose that I now have knowledge of.

Yours very truly,

JAS. S. DORAN, Sup't Engineer.

MAGNOLIA ANTI-FRICTION METAL CO.

— OWNERS AND SOLE MANUFACTURERS —

74 Cortlandt Street, New York.
London Office, 75 Queen Victoria Street. Chicago Office, 41 Trader's Building.



PREPARE TO MOUNT.

Our specialties are the GOSSAMER TOP CAP—SHOULDER KNOTS—Extra heavy
SHOULDER STRAPS—HELMETS—BELTS—SWORDS—LACES—BUTTONS, &c., &c.,
particular attention being given to alterations due to

ADVANCE IN RANK.

For estimates send to BENT & BUSH, 387 WASHINGTON ST., BOSTON, MASS.

**Hatfield & Sons,
TAILORS AND IMPORTERS,**

239 FIFTH AVENUE, NEW YORK.
LEADING STYLES FOR CIVILIAN DRESS AND CORRECT TASTE IN UNIFORMS
“LEADERS ARE FEW : FOLLOWERS MANY.”

**SHANNON, MILLER & CRANE,
MILITARY GOODS,
EQUIPMENTS FOR
OFFICERS OF ARMY, NAVY, NATIONAL GUARD, Etc.**
No. 46 Maiden Lane, New York.

GOOD FEET SAVED FROM
PAIN AND DISTORTION AND BAD ONES RESTORED.

SEND POSTAL FOR FREE ILLUSTRATED PAMPHLET DESCRIBING MY PATENT
BOOTS AND SHOES AND LASTS.

JOEL McCOMBER, 52 E. 10th St., New York.

ESTABLISHED 1824.

REED & BARTON,
Manufacturers of STERLING SILVER and
SILVER PLATED TABLE WARE
OF EVERY DESCRIPTION.
SALESROOM—37 UNION SQUARE, NEW YORK.

American Ship Windlass Co.,

(ESTABLISHED A. D. 1857.)

PROVIDENCE, R. I.,

Builders of the Celebrated
“Providence” Windlasses and Capstans.
THEIR NAVAL CAPSTANS AND WINDLASSES HAVE NO EQUALS.
SEND FOR ILLUSTRATED CATALOGUE.

Address
P. O. BOX 53.

FRANK S. MANTON,
AGENT.

LA NORMANDIE,

(AMERICAN AND EUROPEAN PLAN.)

The Newest and Finest Hotel in Washington, D. C.
15th and I ST., FACING McPHERSON SQ.

Correspondence invited with Officers of the ARMY AND NAVY as to rooms and terms
ELMER F. WOODBURY, Proprietor.

THE DRIGGS ORDNANCE CO.

700 14th Street, Washington.

THE DRIGGS-SCHROEDER ORDNANCE COMPANY, LIMITED.

24 AUSTIN FRIARS, LONDON.

Rapid Fire Guns of all calibres. Recoil and non-recoil mounts.

Light Guns for Yachts.

Ammunition of the Highest Grade.

Publication Office, 240 Broadway, N. Y.

PERSONAL ITEMS.

BISMARCK was 78 last Wednesday.

CAPTAIN C. M. O'CONNOR, 8th U. S. Cav., is a recent arrival in St. Louis.

GENERAL A. W. GREENLY, U. S. A., was expected to visit San Antonio, Tex., this week.

CAPTAIN IRA QUINN, 11th U. S. Inf., of Sackett's Harbor, was in Buffalo this week.

ASSISTANT SURGEON J. M. CABELL, U. S. A., is at present on duty at Pine Ridge, S. D.

LIEUTENANT R. McA. SCHOFIELD, 4th U. S. Cavalry, is a recent visitor at Fort Walla Walla.

COLONEL DANIEL McCCLURE, U. S. A., retired, is located at the Ebbitt House, Washington, D. C.

CAPTAIN HENRY CATLEY, 2d U. S. Infantry, has left Fort Omaha, Neb., on a few weeks' leave.

MAJOR GEO. W. CANDER, Paymaster, U. S. A., returned to Chicago this week from a trip to Detroit.

CAPTAIN F. C. GILBERT, 11th U. S. Infantry, left Sackett's Harbor, N. Y., on Tuesday on a short leave.

LIEUTENANT C. B. THOMPSON, U. S. A., is a recent addition to the Kansas Commandery of the Loyal Legion.

CAPTAIN C. M. O'CONNOR, 8th U. S. Cavalry, recently on duty at Fort Meade, is at present in St. Louis, Mo.

CAPTAIN J. B. CAMPBELL, 4th U. S. Artillery, returned to New Orleans early in the week from a trip to Atlanta.

LIEUTENANT G. L. IRWIN, 3d U. S. Artillery, rejoined at Fort McHenry, Md., on Tuesday from a short leave.

CAPTAIN E. Z. STEEVE, 3d U. S. Cavalry, was to leave Fort Leavenworth, Kas., this week for Washington, D. C.

COLONEL J. S. CONRAD, 21st U. S. Infantry, has assumed command of his regiment and of the post of Fort Sidney, Neb.

CAPTAIN E. K. RUSSELL, 1st U. S. Artillery, of Fort Wadsworth, visited friends at Fort Leavenworth this week.

LIEUTENANT-COLONEL G. K. BRADY, 17th U. S. Infantry, under his recent promotion goes to Fort D. A. Russell, Wyo.

CAPTAIN H. P. RITZUS, 25th U. S. Infantry, will spend the spring and early summer on leave for the benefit of his health.

GENERAL A. McD. COOK, U. S. A., is a recent visitor to El Paso, Texas, where he was received with much hospitality.

MAJOR W. F. TUCKER, U. S. A., paid a visit to New York City this week, making his headquarters at the Fifth Avenue Hotel.

LIEUTENANT H. B. MOON, the new adjutant of the 20th U. S. Infantry, has taken charge of recruiting matters at Fort Assiniboine, Mont.

LIEUTENANT EDWARD ANDERSON, 1st U. S. Cavalry, will rejoin at Fort Assiniboine, Mont., towards the end of April from a short leave.

CAPTAIN C. E. KILBOURNE, U. S. A., was expected to leave Washington, D. C., this week on an extended tour of signal stations, North and South.

LIEUTENANT J. T. FRENCH, 4th U. S. Artillery, a recent arrival at St. Francis Bks., Fla., has taken charge of quartermaster and subsistence matters at that post.

CAPTAIN F. B. TAYLOR, 9th U. S. Cavalry, and family are expected shortly to resume their residence in their cottage in Minnekahta gulch, Hot Springs, S. Dakota.

GENERAL W. D. WHIPPLE, U. S. A., came to New York this week from Norristown to take part with Washington Post, G. A. R., in the celebration of the 25th anniversary of the order.

MAJOR T. C. TUPPER, 6th U. S. Cavalry, says the Omaha Bee, who was a member of the Catley Court-martial, is dangerously ill at 1812 Chicago street. His wife has been called to his bedside. The illness is a serious case of la grippe.

SECRETARY OF STATE BLAINE in a recent telegram to W. M. Ekin, Louisville, says: "I beg to express my sincere sympathy to all of the children of Gen. Ekin. He was my friend from my boyhood and his death is to me a personal sorrow."

A LETTER from the Rev. Thomas E. Sherman has been received by the New York Chamber of Commerce thanking the members in the name of the family for the volume prepared by the Chamber in memory of his father, Gen. W. T. Sherman.

It is now positively known that Lieut. Constantine Chase, 3d Art., is booked for one of the captaincies in the Quartermaster's Department. The selection for the other vacancy will be made upon the return of Secretary Proctor on Monday next.

LAST week by a clerical error we were made to state that Lieut. R. J. C. Irvine, 11th U. S. Infantry, was in New York City to be examined for retirement. He was in New York to be examined for promotion, being an officer of vigor and efficiency.

CAPTAIN WM. BAIRD, 6th U. S. Cavalry, has published a fourth series, covering period to March 1, 1861, of his excellent "Index to the Changes in the Army Regulations" and "Index to Decisions not Set Forth in Numbered Paragraphs of the Regulations."

LIEUTENANT F. P. PECK, U. S. A., a recent addition to the Ordnance Department, and late of the 1st U. S. Artillery, goes for his first station to the National Armory at Springfield, Mass. He has recently been stationed at Fort Monroe, which post he left on Monday on a short leave.

LIEUTENANT GEO. R. BURNETT, U. S. A., retired, is located at Norristown, Pa.

LIEUTENANT W. L. PITCHER, 8th U. S. Infantry, has joined his company (G) at Fort Niobrara, Neb.

CAPTAIN O. L. WINTING, 23d U. S. Infantry, was in St. Louis, Mo., last week on recruiting service.

CAPTAIN W. S. SCOTT, 25th U. S. Inf., is a recent addition to the commissioned roster of Fort Missoula.

ADJUTANT W. H. COFFIN, 5th U. S. Art., of the Presidio of San Francisco, is visiting relatives in Brooklyn.

MAJOR P. D. VROOM, Inspector-General's Department, U. S. A., has returned to St. Louis, Mo., from Fort Riley, Kas.

COLONEL J. S. CONRAD, 21st U. S. Infantry, was in St. Paul, Minn., March 28 en route for his station, Fort Sidney, Neb.

LIEUTENANT H. L. ROBERTS, 21st U. S. Inf., was to leave Detroit, Mich., the latter part of this week on fortnight's leave.

CAPTAIN CHAS. PORTER, 8th U. S. Infantry, left Fort Niobrara, Neb., March 31 for Omaha and the East as far as Washington, D. C.

MRS. E. E. DRAVO, wife of Lieut. Dravo, 6th U. S. Cav., accompanied by her little son and daughter, has arrived at Fort Niobrara, Neb.

COLONEL T. A. DODGE, U. S. A., has followed his work on "Alexander the Great" by a volume on Hannibal. We shall give it early attention.

LIEUTENANT F. W. ELLIS, 2d U. S. Infantry, is bidding good-bye to friends in Norfolk, Va., and will soon start to join his regiment at Fort Omaha, Neb.

CHAPLAIN H. V. PLUMMER, 9th U. S. Cavalry, arrived at Fort Robinson, Neb., March 16 from Fort McKinney, Wyo. He was on duty at the latter post nearly six years.

CAPTAIN F. C. GRUGAN, 2d U. S. Art., is soon to relinquish command of the light battery of his regiment at Fort Riley, and will then come East, likely to Fort Adams.

COLONEL D. S. GORDON and Lieut. H. H. Sargent, 2d U. S. Cavalry, arrived at their station, Fort Huachuca, March 23 from San Carlos, Ariz., where they were on duty several weeks on Court-martial service.

COLONEL THOMAS F. BARR, U. S. A., made a stirring and patriotic address at Plymouth Church, Brooklyn, on Monday evening, the occasion of the silver anniversary of the organization of the G. A. R.

CAPTAIN G. A. HULL, Military Storekeeper, who will be retired for age next week, is a veteran of long and faithful service, having been appointed to his present position in the Quartermaster's Department in 1862.

LIEUTENANT EVAN M. JOHNSON, JR., 10th U. S. Infantry, a New Yorker and a gentleman who obtained his commission after three years' service in the 3-Battalion Organization for the U. S. Infantry as embodied in the Manderson Bill." The name of the author is not stated.

CAPTAIN GILBERT E. OVERTON, U. S. Army, on leave in Europe, was expected in Paris, France, March 28, intending to sail shortly for New York. He will try the climate of Southern California. Mrs. Overton and children will stay in France until next winter.

MAJOR-GENERAL O. O. HOWARD, U. S. A.; Col. Loomis L. Langdon, 1st U. S. Artillery, and other officer of the Regular Army, are giving active cooperation towards a conjoint assemblage of Regulars and militia in Prospect Park, Brooklyn, next month for the purpose of field exercises and manoeuvres.

THE relatives and friends of Lieut. Guy Howard, A. D. C. at Governor's Island, were pleased to learn that all the passengers who sailed from New York on the Aguaia had arrived safely at Greytown, Nicaragua. Their five days' experience on Roncader's coral reef were not without several pleasant incidents.

MRS. MORROW, widow of Gen. H. A. Morrow, U. S. Army, and her children, Miss Belle and Master Malcolm, departed on Tuesday for Omaha, where they will hereafter reside. Mrs. Morrow carries with her the heartfelt good wishes of the entire community. Her kindness of heart and her active and unceasing efforts in matters of charity will never be forgotten.—*Sidney Telegraph*.

LIEUTENANT D. B. DEVORE, 23d U. S. Infantry, having been appointed A. D. C. to Gen. Stanley, the San Antonio Express says: "Lieut. Devore is a very popular and efficient officer, and it will be remembered that he was the recipient of a handsome watch from the officers of the 4th Regiment, Texas volunteers, as a token of their regard for his service last summer as their instructor during the State encampment at the fair grounds."

UNDER the impetus given the United Service Club by the recent inauguration of building operations the prospect is promising that the membership of that organization will be increased to 800 during the present year. Its present membership is 671. As it is contemplated increasing the entrance fee upon moving into the new clubhouse next November, doubtless many are availing themselves of the advantage of the present low rate. The following gentlemen were admitted to membership during March, viz.: Major McK. Dunn, Lieut. J. B. Bellinger, Lieut.-Col. Levi P. Wright, Lieut. D. S. Denison, Chaplain J. C. Kerr, Lieut. E. St. John Greble, U. S. A.; Paymr. J. F. Tarbell, Comdr. Chas. O'Neil, Asst.-Engr. M. A. Anderson, Lieut. C. M. McCarteney, Ensign R. C. Ray, Capt. H. L. Howison, Lieut. C. McR. Winslow, Surg. G. E. H. Harmon, U. S. N.; Gen. D. D. Frost, Lieut. C. Mercer, Col. S. V. Holliday, Loyal Legion.

CAPTAIN CHAS. STILLMAN ISLEY, 7th U. S. Cavalry, is a recent addition to the Kansas Commandery of the Loyal Legion.

THE address of Lieut. L. Lomia, 5th U. S. Artillery, who has been abroad on leave for some time past, is 56 Wall street, N. Y. City.

CAPTAIN G. S. CARPENTER, 14th U. S. Inf., has gone to Akron, O., to see if any likely recruits are to be picked up in that vicinity.

REPORT speaks highly of plan suggested by Maj. D. P. Heap, Corps of Engineers, U. S. A., for the more perfect illumination of the Statue of Liberty on Bedlow's Island.

THE Rev. Arthur Wentworth Eaton read an interesting paper on the Traditions and Social Life of an English Garrison Town (Halifax, Nova Scotia) on Friday evening of this week before the New York Genealogical and Biographical Society.

MAJOR CLIFTON COMLY, Ordnance Corps, U. S. A., on Thursday evening of this week read a paper on "Smokeless and Special Powders" before the Indiana Commandery of the Loyal Legion. The paper was extremely interesting and was amply illustrated by models, samples of powders, etc.

MRS. H. B. LOCKWOOD, who has many friends in military circles, has been making a tour round the world, and has been met by the ARMY AND NAVY JOURNAL in various countries. Mrs. Lockwood was in London March 24 about to return to the U. S. Her present address is 810 Cathedral street, Baltimore, Md.

UNTIL quite lately Capt. Pluskow, of the 1st Regt. of Guards, had been considered the biggest man in the German Army. He measured over 80 inches in height. But a short time since a young Rhinelander joined the 1st Regt. of Foot Guards, as a "one year's volunteer," who attains the colossal height of over 7 ft. 4½ in.

A VETERAN soldier who applied for a pension presented to his lawyers this affidavit: "This is to certify that John Jones worked for me before the war and since. He doesn't do half a day's work now and never could." Jones' counsel thought that the testimony would not help along the claimant's case, and he wisely concluded not to send it.

THE Comte de Paris has printed a short summary of his recent visit to this country, of which copies have been sent to those who entertained him while he was here. The military attache of the Comte de Paris, Col. Parseval, has also published the letters written home by him, giving an account of the battlefields visited by the party, with details of all the technical points of interest to military men.

LIEUT. LIEUTENANT COLONEL CARLE A. WOODRUFF, in a circular note to officers who have been stationed at Fort Leavenworth, says it is wished by many to place in the chapel a suitable memorial to Gens. W. T. Sherman and P. H. Sheridan. A "Pipe Organ" with suitable inscription is suggested and that if each officer will contribute \$1, more if they desire, and forward the same to him, he will promise faithfully to perform the duty as treasurer of the fund, and will exert his best efforts to procure the memorial suggested.

ACCORDING to the precedent which gives the chairmanships of Congressional Committees to members entitled to them by previous service in the next House of Representatives, R. Q. Mills, of Texas, should be Chairman of Ways and Means; Wm. H. Forney, Alabama, of Appropriations; N. C. Blanchard, of Louisiana, Rivers and Harbors; A. J. Cummings, N. Y., Merchant Marine and Fisheries; Francis B. Spinola, N. Y., Military, and Henry A. Herbert, Ala.; S. W. Peel, Ark., Indian Affairs, and Chas. Stewart, Texas Militia.

THE Sentinel, Fort Huachuca, Ariz., March 28 says: Col. Gordon is in command of the post again. Pending the retirement of Col. Clendenin, he is also in command of his regiment, the 2d Cavalry. Capt. J. A. Baldwin, at his own request, has been relieved as range officer, and Lieut. Anderson has been detailed in his stead. Col. Wm. R. Shafter, 1st Inf., on leave, is with his son-in-law, W. H. McKittrick, near Willcox. We regret to learn of his severe illness, superinduced by the unskillful operation of a chiropodist, on a toe of his wounded leg. We are very glad to know that he is now in a fair way of recovery.

COLONEL H. C. MERRIAM, 7th U. S. Infantry, who is an alumnus of Colby, Me., University, made an interesting address to the graduates of that institution who united in a banquet at the Albany Hotel, Denver, Colo., Tuesday evening, March 31. He said: "Our general catalogue shows that 63 of Colby's alumni marched to the sound of the guns in defence of the Union in 1861. And here justice requires that I should say that those figures did not include the undergraduates that left their classes for the field and did not return to graduate. Yet these rendered equal service, reflected equal honor upon the university, and I regret my inability to number them with the rest." Two were general officers, B. F. Butler and H. M. Plaisted, and 23 were field officers with the brevets of general officers. Bvt.-Maj.-Gen. Charles H. Smith, colonel of the 17th Inf., and now senior colonel of the Army, is also an alumnus of Colby.

THE daughter of the late Secretary S. P. Chase tells in the N. Y. Tribune of seeing Gen. Scott, after his retirement, in his comfortable quarters at Cobzene's Hotel, where he always afterward spent his summers, and when he was autocrat and Great Mogul. She says: "He gave us seats at his own especial table and was very kind to us, but I was terribly afraid of him. One of his greatest of pleasures at the table was to mix the most fiery of salads, which he would send by his own man (who always stood behind his master's chair) with 'the General's compliments' to a favored few. My gastronomic tastes were far from being developed, and the old gentleman's red pepper and mustard nearly killed me. I simply could not eat the burning stuff. Feeling the General's eye upon me, I vainly tried to swallow it, but failed ignominiously with tears coming into my eyes with the effort. To add to my discomfort and mortification, a voice roared out in a deep tone from the General's throne: 'The Little Chase does not like my salad.'"

LIEUTENANT L. D. TYSON, 9th U. S. Infantry, is at present in Knoxville, Tenn.

COLONEL W. M. WHERRY, U. S. A., visited friends in Washington, D. C., this week.

MAJOR S. M. HORTON, Med. Dept., U. S. A., is at present in New York city, from Newport, R. I. He is stopping at 8 West 22d street.

LIEUTENANT M. R. PETERSON, 10th U. S. Infantry, has left Fort Wingate, N. M., for Fort Stanton, N. M., his new station.

GENERAL J. C. BRECKINRIDGE, Inspector General's Dept., U. S. A., was in Louisville, Ky., April 4, on inspection tour.

CAPTAIN E. Z. STEEVER, 3d U. S. Cav., and family, left Fort Leavenworth, Kansas, April 2, for Washington, D. C.

CAPTAIN CHARLES M. O'CONNOR, 8th U. S. Cavalry, recently at Fort Meade, is now at 1126 Pine street, St. Louis, Mo.

CAPTAIN C. S. ILSLEY, 7th U. S. Cavalry, has been confined to his quarters at Fort Riley, Kansas, as a sufferer from la grippe.

GENERAL W. S. ROSECRANS, U. S. A., was reported seriously ill this week, but the report seems to have been much exaggerated.

CAPTAIN H. P. BIRMINGHAM, Asst. Surgeon, U. S. A., on leave from the Northwest, visited old friends in New York city this week.

CAPTAIN J. M. BELL, 7th U. S. Cavalry, and Mrs. Bell, were at the Palace Hotel, San Francisco, Cal., April 2, to remain some time.

LIEUTENANT S. C. ROBERTSON, 1st U. S. Cav., was a visitor at Fort Leavenworth last week, en route to Fort Custer, Montana.

SURGEON J. VAN R. HOFF, Medical Department, U. S. A., from Fort Riley, Kansas, arrived in New York this week. His address for the present is 42 Remsen street, Brooklyn, N. Y.

LIEUTENANT-COLONEL JOHN H. PAGE, 22d U. S. Inf., who is still at Sackett's Harbor, will join at Ft. Keogh, Mont., in the Department of Dakota.

CAPTAIN O. L. WIETING, 23d U. S. Infantry, is in Houston, Texas, pleasantly located at the Grand Central. His recruiting headquarters are at the Lone Star House. Capt. Wieting is on recruiting service for the 23d Infantry, and wants 110 recruits for the same.

CAPTAIN J. G. BOURK E, 3d U. S. Cavalry, was expected this week at Laredo, Texas, to take command of his troop, having completed the special duty at Washington, D. C., upon which he has been engaged for some time past.

MAJOR GENERAL O. O. HOWARD, U. S. A., and other distinguished veterans, met on Wednesday to arrange for the ceremonies at Riverside Park, April 27, in connection with the breaking of ground for the monument to General Grant.

GENERAL A. McD. McCook has selected as his second aide-de-camp that bright young officer Lieut. John E. McMahon, 4th U. S. Art. Lieut. McMahon is a classmate of Gen. McCook's present aide-de-camp, Lieut. C. B. Baker, 7th U. S. Inf.

MISS GARDNER, daughter of Col. H. Gardner, U. S. Army, retired, of Hammondsport, N. Y., was married March 21 at Washington, D. C., to Mr. C. E. Wellingkamp, of Barcelona, Spain, who is the representative in New York of his father's business house.

THE Times, of Junction City, Kansas, April 3, says: "Lieut. E. P. Brewer, 7th Cavalry, remembered Troop G, Saturday night, for services rendered at Pine Ridge. The men of the troop will hold the lieutenant in kind remembrance hereafter. The lieutenant treated his friends at the post last Friday night to one of the richest 'yellow teas' of the season."

ON March 27, the Bohemian Club, of San Francisco, Cal., gave a dinner to the distinguished violinist, Ovide Musin. The Army officers present were Captain O'Connell, Dr. Brechemin, and Lieuts. Sawyer and Kirkman. Capt. O'Connell responded to the toast, "The Army and Navy," in which he paid a high compliment to the National Guard, which he termed "the Army of the United States."

A ST. LOUIS despatch says: "The body of Gen. W. T. Sherman is to be removed, and the detachment of troops on guard duty at the grave will watch over the remains in their new and temporary resting place. Before his death, Gen. Sherman gave directions that his body be placed in an apartment under ground, which should be built of stone and concrete and covered over with a heavy marble slab. The sepulchre will be built large enough to receive the remains of the General, his wife and two children who now rest beside him in Calvary."

AS GENERAL D. S. STANLEY, U. S. A., will be retired for age in a little over a year from now, he prefers to remain in San Antonio and waive his claim to command the Division of the Pacific on the retirement of General Gibbon April 20. Gen. Thos. H. Ruger, who will be the senior brigadier on the retirement of General Stanley will, therefore, take the command on the Pacific Coast, much to the regret of his friends in St. Paul.

THEY are telling a story of James G. Blaine having been accosted by an old colored man as he entered the Anderson House in Pittsburg: "How are you, Mr. Blaine?" "And how are you, Zach?" the statesman answered. Poor old Zach was dumfounded. He expected no such recognition and greeting. "Why Mr. Blaine," he replied nervously, "I would know you if I had never seen you from your pictures, but how did you know that my name was Zach?" "Well, that is easy," said Mr. Blaine, laughing. "Don't you remember, Zach, when I went to school at the Washington and Jefferson College 50 years ago? I lived with my uncle and you worked for him. I have not seen you for years since, but forgot your face and name, Zach I never could."

MEDICAL DIRECTOR S. JACKSON, U. S. Navy, is at present at the Ebbitt House, Washington, D. C.

CAPTAIN R. W. MEADE, U. S. N., sailed for Antwerp on Wednesday on the steamer "Westernland."

PASSED ASSISTANT SURGEON J. M. STEELE, U. S. Navy, was a guest at the Galt House, Louisville, Ky., April 4.

P. A. ENGINEER WEBSTER has returned to duty in the Bureau, having quite recovered from a sharp attack of la grippe.

On March 14 Comdr. Joshua Bishop and officers of the U. S. S. *Iroquois* were presented to the Queen at Iolani Palace, Honolulu.

REAR ADMIRAL STEPHEN B. LUCE, U. S. N., has been elected a vestryman of All Saints' Memorial Church, Newport, R. I.

CHIEF ENGINEER F. G. MCKEAN, U. S. N., is at home suffering from an attack of the grippe, to which he succumbed the latter part of last week.

CAPTAIN GEO. B. HAYCOCK, M. C., is erecting a handsome cottage near Rockville, Me., which he hopes to move into during the present spring.

MAJOR H. B. LOWRY, M. C., was in Boston, Mass., during the present week, inspecting the Marine barracks.

LIEUTENANT RANDOLPH DICKINS made a brief visit to Washington this week from his station at Newport. He registered at the United Service Club April 8th.

REAR ADMIRAL D. L. BRAINE, U. S. N., commanding of the Navy-yard, N. Y., will be given a reception and banquet at the Hamilton Club, of Brooklyn, on April 11, in view of his retirement from the service May 18.

LIEUTENANT E. D. TAUSIG, U. S. N., who has been in Chicago for some days past on business connected with the World's Fair, returned to Washington April 5th.

REAR ADMIRAL J. C. HOWELL, U. S. N., lately in New York, arrived in Liverpool, Eng., this week. On the same vessel were Mr. and Mrs. Rider Haggard.

LIEUTENANT AND MRS. WM. B. CAPERTON left Washington this week for New York, where the lieutenant will shortly report for duty on the *Manitowoc*.

ENGINEER C. F. DYCE, U. S. R. M., has changed station from Philadelphia, Pa., to New Berne, N. C., where he is attached to the U. S. revenue cutter *Winona*.

COMMANDER ALLAN D. BROWN, U. S. N., has been located at the Granville Sanitarium, Bedford Co., Va., since Dec. 10, where he has been gaining somewhat in health.

A STRONG effort is being made to secure an extension of detail of P. A. Engr. Burgdorff, U. S. N., at the Tennessee University, Knoxville, where this officer has been for some three years.

CIVIL ENGINEER R. E. PEARY, U. S. N., will lecture in New York on Monday evening next on "A Proposed Exploration to North Greenland," before the American Geographical Society.

REAR ADMIRAL T. A. JENKINS, U. S. N., can still be seen on the avenue in good weather, looking as hale and hearty as many a younger man, notwithstanding his 80 years. The admiral's health during the past winter has been exceptionally good.

NUMEROUS applications have been made for the report of the Chief of Bureau of Steam Engineering for 1890, but owing to a delay at the Government Printing Office in the preparation of the plates illustrating the report, no copies have yet been distributed, all applications being put on file for future reference.

NAVAL CONSTRUCTOR BOWLES was in Washington during the past week consulting with the Bureau of Construction and Repairs in regard to the work at the Norfolk Navy-yard, and especially with reference to the repairs and alterations to be made on the *Dolphin*, to adapt her for service as a despatch boat to take the place of the *Despatch*.

THE friends of Mrs. Clarke, wife of Lieut. C. A. Clarke, U. S. N., will learn with regret that her health has been far from good of late. Her stay in Honolulu, however, has been of considerable benefit to her, and should the *Iroquois*, to which her husband is attached, remain among the Hawaiian Islands until 1892, it is likely that she will remain there also.

P. A. ENGINEER J. M. EMANUEL, U. S. N., late of the *Mohican*, was examined by the Retiring Board during the last week, and it is understood that he will be placed on the retired list of the Navy. Since leaving his ship at Honolulu, Mr. Emanuel's health has steadily declined, and his complaint has assumed such a grave form that there seems no prospect of his ever being again fit for duty.

Mrs. HOES, wife of Chaplain R. Randall Hoes, U. S. N., is residing at Frederick, Md., during the absence of her husband, who is attached to the *Pensacola*. It is quite probable that she will join her husband at Montevideo later in the season. She had completed arrangements for making the journey some time ago but these were interrupted by the receipt of news that the *Pensacola* had been ordered to Chili.

"MANY happy returns of the day" to Capt. Thos. Britton, U. S. A., retired, born April 5; to Major C. B. McLellan, 10th Cav., born April 7; to Capt. W. M. Tisdall, 1st Inf., born April 6; to Major H. B. Reese, U. S. A., born April 11; to Major D. L. Huntington, surgeon, born April 10; to Capt. A. L. Varnay, O. D., born April 11; to Capt. F. Moore, 9th Cav., born April 8; to Chaplain Allen Allensworth, born April 7; to Capt. W. T. Duggan, 10th Inf., born April 11; to Capt. Thos. Turtle, C. E., born April 7; to Capt. W. H. Corbusier, M. D., born April 10; to Major M. B. Adams, C. E., born April 11; to Capt. H. P. Perrine, U. S. A., born April 10.

COMMANDERS HENRY GLASS and T. F. Jewell, Lieutenants W. McCarty Little and J. J. Drake, and Chaplain W. J. Isaacs registered at the Navy Department this week.

LIEUT. W. H. STAYTON, M. C., the successful young maritime lawyer, who will shortly resign his commission to continue his law practice in New York, was a welcome visitor at the Navy Department on Thursday last. His host of friends there are delighted at the success he is having in his profession.

LIEUT.-COMMANDER A. R. COUDEN is in New York this week arranging for the transfer of his family to Washington. He will enter upon his old duties in the Bureau of Ordnance next week. He has been succeeded by Lt. T. B. M. Mason as executive of the *Atlanta*.

SECRETARY TRACY's new scheme for the reform of the public service in the navy yards will probably be put into effect within a few days. Assistant Secretary Soley, who is now at work preparing a set of rules and regulations by the direction of the Secretary, recently visited Boston, where he made an exhaustive study of the system of employing labor on municipal work.

LIEUTENANT G. F. ELLIOTT, of the Marine Corps, now doing duty at the Brooklyn Barracks, is engaged in perfecting an invention started some time ago, having for its object improved methods for removing torpedoes and other obstructions in battle. The details are about completed, and it is not improbable that a trial of this device may be made at Newport the coming summer. The "bomb boat destroyer" has been highly commended by those who have seen it.

No date has yet been set for the meeting of the Senate Committee on Naval Affairs, which is to consider matters relating to naval reorganization. The chairman, Senator Cameron, is not disposed to commence work before next October, when he proposes to have the committee meet in Washington and continue its work until Congress convenes. Other members are anxious to have the committee meet in a few weeks and organize in sub-committees, so that the investigation of the different subjects may be pursued during the summer and the work, as a whole, considered by the full committee in Washington late in the season.

RECENT DEATHS.

MAJOR ROBERT D. CLARKE, U. S. A., retired, who died at Washington, D. C., April 8, was appointed an additional Paymaster in August, 1863, and in 1867 was appointed to the regular establishment a Major and Paymaster, U. S. A. He was retired for age June 30, 1882. For his faithful and meritorious services during the War he received the brevet of Lieutenant Colonel of Volunteers.

MRS. MARKBREIT, mother of Mrs. A. V. Kautz, who died recently in Cincinnati at an advanced age, was the sister of Baron Abele, a distinguished Austrian officer.

THE Louisville Commercial, referring to the late Gen. J. A. Ekin, U. S. A., says: "He was a true patriot, soldier, gentleman and Christian. It would be difficult to say whether his career was most marked by his wonderful executive ability and business capacity; by his unbounded patriotism and love for his country; by his strong individuality as a model gentleman; by his loyalty and faithfulness to his friends or by his unwavering Christianity. In all that he did he was true to his conscience, and he was never known to sacrifice his relations to the church even under the pretext of a military necessity. To him an irreparable loss was the death, Feb. 6, 1889, of the wife of his early manhood, the daughter of Samuel Walker, Esq., the mother of his five children, of whom a son and daughter alone survive."

THE Minnesota Commandery of the Loyal Legion, in an obituary notice of the late Gen. Henry Hastings Sibley say:

A conspicuous resident and citizen of Minnesota for more than half a century, he had been eminent as a pioneer, as a business man, as a statesman, as a soldier, and always as the noble, courteous, Christian gentleman. In the most serious Indian war that ever fell on this or any community, his courage, good judgment and consummate knowledge of Indian character led our hastily organized forces to the recovery of our captives, the subjugation of the savages and the establishment of permanent peace and security.

(For the Army and Navy Journal.)

WINFIELD SCOTT.

Written on Completion of the Scott Building at the Soldiers' Home, Washington, D. C., 1891.

When the clarions of Fame

Sound the deeds of the brave,

Through the courts of Valhalla's

Lofty arches and nave,

Let the sweetest our Hero

Proclaim to the world,

At whose merciful word

Victory banners are furled.

See our chieftain advancing

'Mid tempests of fight,

Round his sword gleams the lightning,

His plumes on the height;

Yet a throne* he disdains

From the foe he had fought,

Round the brow of his country

His laurels are wrought.

Ere his hand lost its cunning,

Ere his vision grew dim,

The missiles of malice

Were wasted at him,

And arrows from pygmies were speeded:

Then he drew his blue mantele

On his breast with a sigh

For his land, and a blessing to breathe

As he marched to the sky,

With his sword in its sheath,

To his comrades on high.

Oh! a drop of man's blood

Is more precious than gold,

Truth, honor and justice

Than robes untold;

And the gurdon of glory

On war's diadem,

Is the jewel of mercy—

And that is his gem.

O. H. W.

*A throne in Mexico.

THE ARMY.

BENJAMIN HARRISON, President and Commander-in-Chief.

REDFIELD PROCTOR, Secretary of War.

LEWIS A. GRANT, Assistant Secretary of War.

G. O. 34, H. Q. A., March 27, 1891.

The Major General Commanding takes pleasure in publishing in orders to the Army the names of the following officers and enlisted men who, during the year 1887, distinguished themselves by "specially meritorious acts or conduct in service."

January, 1887. Private Henry S. Corp, Company B, 4th Infantry (then of Troop L, 5th Cavalry); For skill, determination and courage in encounter with trespassers within Cherokee Outlet, near Belcher Creek, causing them to surrender.

June, 1887. Lieutenant Colonel Henry W. Lawton, inspector general (then captain, 4th Cavalry); Captain Theodore J. Wint, 4th Cavalry; 1st Lieutenant James B. Hughes, 10th Cavalry; For vigilance and zeal, rapidity and persistency of pursuit, resulting in the capture of the renegade Ind. an scout from the San Carlos Agency, and in making the surrounding country practically untenable for hostile Indians.

June 29, 1887. Captain (then 1st Lieutenant) Frank A. Edwards, 1st Cavalry, and Drummer Chas. Reynolds, Troop K, 1st Cavalry (now out of service); For courage and promptness in rescuing, at the peril of their own lives, a soldier from drowning in a dangerous ford in the Little Big Horn River, Montana.

August 25 - Nov. 28, 1887. 1st Lieutenant George R. Burnett, retired (then 1st Lieutenant, 9th Cavalry); For the promptness and decision with which, on learning of the attack of the Colorado militia and posse on the Ute Indians, under Chief Colorow, he hastened with his small detachment of Troops B and E, 9th Cavalry, to the scene of action, on the White River, near the Colorado boundary line of the Uncompahgre Ute reservation, and by his cool judgment and admirable discretion induced the Indians, who were fully armed and in a highly excited state, to return to their agency, thus preventing a serious outbreak and undoubtedly saving many lives.

November 5, 1887. Captain Frank K. Upham, 1st Cavalry; For bravery in action against hostile Crow Indians, at Crow Agency, Montana, while commanding his troop, by the fire of which the medicine man "Sword Bearer" was killed.

By command of Major-General Schofield:

J. C. KELTON, Adjutant-General.

G. O. 39, H. Q. A., April 9, 1891.

The Major General Commanding takes pleasure in publishing in orders to the Army the names of the following officers and enlisted men who, during the year 1886, distinguished themselves by "specially meritorious acts or conduct in service."

January 10, 1886. Captain Emmet Crawford, 3d Cavalry, commanding expedition (died of wounds in action); For energetic pursuit and gallant attack on hostile Apache Indians under Geronimo, near the Aros River, Mexico, and for a gallant effort on the following day (11th), in which he lost his life, to avoid the blow-shots caused by an attack of Chihuahua troops on his command near the same place.

January 10, 1886. Captain Marion P. Mays (then 1st lieutenant) 1st Infantry, commanding Indian scouts; For gallantry in action against Geronimo's band of hostile Apache Indians, near the Aros River, Mexico, and in an encounter with Chihuahua troops on the following day (11th), and for the marked skill and ability with which, after the death of its commanding officer, he conducted the expedition back to the United States under most difficult and trying circumstances.

April, 1886. Major Reuben F. Bernard, 8th Cavalry; For the promptness and discretion with which he suppressed a dangerous riot in Laredo, Texas, caused by a body of armed Mexicans who had crossed from Mexico and invaded the town.

May 3, 1886. Captain Thomas C. Lebo, 10th Cavalry; For good judgment, promptness, energy, and gallantry in pursuing with his trooper Geronimo's band of hostile Apache Indians into the Penitentiary Mountains, Mexico, where he forced them to an encounter on this date.

May 3, 1886. 2d Lieutenant Powhatan H. Clarke, 10th Cavalry; For gallantry in action against hostile Apache Indians in the Penitentiary Mountains, Mexico, rushing forward to the rescue of a soldier who was seriously wounded and lay disabled exposed to the enemy's fire, and carrying him to a place of safety. (Medal of honor.)

May 15, 1886. Captain Charles A. P. Hatfield, 4th Cavalry; For gallantry in an attack upon Geronimo's camp of hostile Apache Indians in the Santa Cruz Mountains, Mexico, capturing nearly all their equipment, supplies, and horses, and later on the same day, despite every disadvantage of position, defeating a desperate attack by the same enemy in a deep cañon of the same mountains.

May 15, 1886. Sergeant Samuel Adams, Troop K (then 1st sergeant) Troop D, 4th Cavalry (severely wounded); For conspicuous bravery in action against hostile Apache Indians, in the Santa Cruz Mountains, Mexico, in attempting to rescue from the hands of the enemy a comrade seriously wounded and under fire, who was mortally wounded while being carried to a place of safety.

May 15, 1886. 1st Sergeant Samuel H. Craig, Troop D, 4th Cavalry (now out of service); For conspicuous gallantry during an attack on a hostile Apache Indian camp, in the Santa Cruz Mountains, Mexico; though seriously wounded, he continued to perform valuable service in the care of stampeding horses. (Medal of honor.)

May, 1886. 1st Lieutenant Lloyd M. Brett, 2d Cavalry; For great energy and determination in pursuit of hostile Apache Indians through the Dragoon, Cimarron and Santa Fe mountains, Arizona, making a forced march during the pursuit of twenty-six hours without halt, and eighteen hours without water, during the intense summer heat.

June 6, 1886. Private James Manning, Co. A (then of Co. B, 6th Infantry); For bravery and heroism in an unsuccessful attempt to rescue his captain, and in rescuing a comrade from drowning at Grand River Crossing, Utah. (Silver life-saving medal, under section 7, act June 20, 1874; section 12, act June 18, 1874; and section 9, act May 4, 1882.)

Summer of 1886. Lieut. Colonel Henry W. Lawton, inspector general, U. S. A. (then captain, 4th Cavalry); For great skill, perseverance and gallantry in conducting, during nearly three months in summer heat, with very scant supplies, an exceedingly difficult expedition against hostile Apache Indians under Geronimo and Natchez, over a distance of 1,600 miles through the mountains of Arizona and Sonora, Mexico, surprising them on the Yaqui River, Mexico, July 18, and continuing the pursuit until the exhausted Indians capitulated and accompanied him to Skeleton Canon, Arizona, where they surrendered to the commanding general Dept. of Arizona, Sept. 4, 1886.

July 10, 1886. Captain and Asst. Surgeon Leonardo Ward, U. S. A.; For gallant and hazardous service, courage and energy, encouraging the command under the most trying circumstances, and for untiring efforts in the common cause of hostile Apache Indians under Geronimo in Sonora, Mexico, during the greater part of which he commanded the detachment of infantry.

Summer of 1886. 1st Lieut. Abel L. Smith, regimental Quartermaster 4th Cavalry; For courage and perseverance, and able support as second in command and for volunteerings, though not fully recovered from serious sickness, for difficult and hard work in times of emergency in the campaign against hostile Apache Indians under Geronimo in Sonora, Mexico.

Summer of 1886. 2d Lieut. Robert D. Walsh, 4th Cavalry; For successfully intercepting a party of hostile Apaches.

capturing their effects, near Patagonia Mountains, Arizona, June 6th, and for continued faithful service against the Apache Indians under Geronimo to Sept. 4th, though his physical condition entitled him to relief from duty.

August 24, 1886. 1st Lieut. Charles B. Gatewood, 6th Cavalry, commanding Chiricahua Indian scouts; For bravery in boldly and alone riding into Geronimo's camp of hostile Apache Indians in Arizona and demanding their surrender.

October 18, 1886. Capt. Charles L. Cooper, 10th Cavalry; For gallantry and great energy and rapidity of movement by which, after a forced march through a most difficult country with a small detachment of troops, he intercepted the hostile Apache Indians under Chief Mangus, and forced them to surrender in the Black River Mountains and brought them prisoners to Fort Apache, Arizona.

By command of Maj.-Gen. Schofield:

J. C. KELTON, Adjutant-General.

CIRCULAR 3, H. Q. A., April 8, 1891.

The following decisions, rulings, etc., have been made, and are published to the Army for the information of all concerned:

I. DISTINGUISHED MARKSMAN'S BADGE.—A "distinguished marksman's badge" which has been issued and received can be replaced, when lost, by purchase only. Application for authority to purchase should be made to the Chief of Ordnance U. S. Army. [Decision Maj. Gen. Comdg. Army, Feb. 27, '91—2d A. G. O., 1891.]

II. FINAL STATEMENTS.—When a soldier is discharged under such circumstances that he is not entitled to travel allowances, the officer signing his final statements will receive an amount of pay equal to the amount of his travel allowances.

III. CANTHERS.—All business of the canteen must be transacted in its name, and not that of the officer in charge. Invoices, receipted bills and other papers relating to the business of the canteen pertain to its records and will not be removed from the post. [Decision Sec. War, Mar. 9, '91—3d A. G. O., 1891.]

IV. DETAINED PAY.—By the phrase "detained pay" (paragraph 1519 of the Regulations, as amended by General Orders, No. 38, of 1890, from this office) is meant such amounts of the pay of enlisted men as, by sentence of court-martial, are to be withheld until the soldier's discharge. [General decision, Mar. 10, '91—2d A. G. O., 1891.]

V. DESERTERS.—When a deserter surrenders or is delivered at a military post, the post commander shall, in addition to the physical examination required by paragraph 121 of the Regulations, cause immediate inquiry to be made in regard to his date of enlistment, desertion, etc., and if he finds that the trial of the deserter is beyond the 10th Article of War, as amended by the act of April 11, 1890, he will prepare the affidavit required by General Orders, No. 55, of 1890, from this office, and, after obtaining the oath of the deserter to the same, immediately set him at liberty with instructions to apply by letter to the Adjutant General of the Army for a "deserters release." The post commander will then report his action to this office, transmitting with report the affidavit above mentioned. [Decision Sec. War, Mar. 21, '91—3d A. G. O., 1891.]

By command of Major-General Schofield:

J. C. KELTON, Adjutant-General.

G. O. 8, DEPT. OF DAKOTA, April 2, 1891.

With a view to the enlistment of Indians under the provisions of General Orders No. 28, current series, from Headquarters of the Army, the following instructions are published for guidance in this department:

Troop L, 8th Cavalry, is assigned to station at Fort Keogh, Mont. Enlistments for this troop will be preferably of Cheyenne, and, under instructions from the Major-General Commanding the Army, the scouts organized and commanded by the late Lieutenant Casey—or as many of them as practicable—will be incorporated into this troop, and the troop will be officially designated as Troop L, 8th Cavalry, "Casey's Scouts."

Troop L, 1st Cavalry, is assigned to station at Fort Custer, Mont. Enlistments for this troop will be preferably of Crow Indians, particularly from the troop of Crow scouts now at that post.

Company I, 3d Infantry, is assigned to station at Fort Sully, S. D.

Company I, 20th Infantry, is assigned to station at Camp Poplar River, Mont.

Company I, 22d Infantry, is assigned to station at Fort Yates, N. D.

The commanding officers of the regiments concerned will, without delay, nominate the officers to be charged with the duty of recruiting for their respective regiments.

At Forts Keogh and Custer, until the officers designated by regimental commanders report for duty, the officers now in command of Troop A, Cheyenne scouts, and Troop B, Crow scouts, will command and perform the duty of recruiting for the troops at those posts respectively.

No further enlistments or re-enlistments of Indian scouts as such will be made, except as may be hereafter authorized at posts, as part of the twenty-five allowed this Department. Scouts now in service will be permitted to finish their terms of enlistment according to the understanding with them at the time of enlistment; those desiring to be discharged before the expiration of their terms will be, and those who wish to enlist as soldiers at the expiration of their terms of enlistment as scouts, or before, may do so. They will be informed as herein indicated without delay so they may understand their future condition relative to service.

It is desired and expected that post commanders as well as regimental commanders, and officers specially designated for duty with, or making enlistments for organizations of Indian soldiers, will do all that can be done to make the policy of enlisting Indians in troops and companies practically successful, not only relative to the numbers enlisted but in results attained. It is not presumed that enlistments will as a matter of course be rapidly effected, particularly at first and for the companies of infantry. Good results may, however, be hoped for from continued well directed efforts.

By command of Brig.-Gen. Ruger:

M. BARBER, Asst. Adj't. Gen.

G. O. 9, DEPT. OF DAKOTA, April 8, 1891.

So much of General Orders No. 4, current series, from these headquarters, as prescribes the maps, globes and dictionaries to be supplied to post schools, is so amended as to indicate "maps and globes to be of the kind furnished from the New York depot, and dictionaries to be academic or equal, as directed by the Secretary of War."

By command of Brig.-Gen. Ruger:

M. BARBER, Asst. Adj't. Gen.

STAFF CORPS AND DEPARTMENTS.

Quartermasters and Subsistence Departments.

The following changes relative to post quartermaster sergeants are made: Par. 14, S. O. 53, March 9, 1891, H. Q. A., relating to Post Q. M. Sergt. James B. Murray and William R. Tilghman, is revoked. Post Q. M. Sergt. John M. Hactor (appointed April 8, 1891, from quartermaster sergeant 18th Infantry), now at Fort Supply, I. T., will proceed on or before May 15 to Fort Robinson, Neb., to relieve Post Q. M. Sergt. William R. Tilghman, who will proceed to Fort Porter, N. Y., for duty (S. O., April 7, H. Q. A.).

The following changes in the stations of commissary sergeants are made: So much of Par. 8, S. O. 63, March 20, 1891, H. Q. A., as directs Comy. Sgt. George A. Spangenberg to proceed from Fort Columbus, N. Y. H., to Fort Robinson, Neb., is revoked. Comy. Sgt. Spangenberg will be relieved from duty at Fort Columbus, N. Y. H., and will proceed to Fort Preble, Me., to relieve Comy. Sgt. George R. Kemp (S. O., April 2, H. Q. A.)

The following assignments to duty of commissary sergeants are made: Comy. Sgt. William H. Boag (appointed April 1, 1891, from sergeant, Co. G, 8th Infantry), now at Fort Niobrara, Neb., will proceed to Pine Ridge Agency, S. D. Comy. Sgt. Patrick Lynch (appointed April 1, 1891, from sergeant, Troop G, 5th Cavalry), now at Ft. Reno, O. T., will proceed to Camp Poplar River, Mont. (S. O., April 4, H. Q. A.)

The following changes relating to commissary sergeants are made: Comy. Sgt. William Haup, now on furlough at Fort McHenry, Md., will report at its expiration to the C. O. Fort McIntosh, Texas, for duty, to relieve Comy. Sgt. Isidore Kalimus, who will be granted a furlough for four months by the Comdg. Gen. Dept. Texas (S. O., April 6, H. Q. A.)

During the absence on leave for four months of Lieut.-Col. M. P. Small, A. C. S., the duties of Comdg. Gen. Div. Texas (S. O., April 6, H. Q. A.)

Pay Department.

The troops in the Department of Arizona will be paid on muster and pay-rolls to March 31, 1891, as follows: By Major J. P. Willard, Paymr., at San Diego Barracks, Cal., troops detached from post, and general service clerks and messengers at Department headquarters. By Maj. W. M. Maynadier, Paymr., at Forts Union and Wingate, N. M., and troops detached from posts. By Major J. W. Wham, Paymr., at Forts Lowell, Grant, Bowie and Huachuca, A. T., and troops detached from posts (S. O. 33, March 20, D. Ariz.)

Major John C. Muhlenberg, Paymr., will proceed on public business from Vancouver Barracks to Portland, Ore., and return (S. O. 46, March 28, D. Cal.)

Major George W. Candee, P. D., will proceed to, and pay the troops at the following-named posts on the muster of March 31, 1891: Rock Island Arsenal, Ill.; Ft. Wayne, Mich., and Fort Sheridan, Ill. (S. O. 27, April 1, Div. M.)

Major James R. Roche, Paymr., will be relieved from duty in the Department of Texas, and will proceed to and take station at St. Louis, Mo., not later than April 30 (S. O., April 4, H. Q. A.)

Major John C. Muhlenberg, Paymr., will proceed on public business from Vancouver Bks. to Portland, Ore., and return (S. O., April 2, D. Columbia.)

Medical Department.

Leave for 20 days, to take effect April 1, is granted Act. Asst. Surg. W. Johnson (S. O. 35, March 30, D. Ariz.)

Capt. John Van R. Hoff, Asst. Surg., now in New York City on leave, is assigned to duty as an additional member of the Board of medical officers constituted by par. 18, S. O. 52, March 7, 1891, H. Q. A., to meet in New York City for the examination of candidates for admission to the Medical Corps of the Army, etc. (S. O., April 7, H. Q. A.)

Hosp. Stwd. Gustave Smith, Hospital Corps, now at Vancouver Barracks, will proceed to Fort Spokane, for temporary duty (S. O. 49, April 1, D. Columbia.)

Hosp. Stwd. Gustave Smith, Hospital Corps, now at Vancouver Barracks, will proceed to Fort Spokane for temporary duty (S. O. 49, April 1, D. Columbia.)

Engineer and Ordnance Departments.

Leave for three days, commencing April 2, is granted Capt. Thomas Turtle, C. E. (S. O. 21, April 1, C. E.)

The leave granted Major Wm. A. Jones, C. E., is extended one month on account of sickness (S. O. April 8, H. Q. A.)

1st Sgt. Louis Marquart, Co. E, Battn. Engrs., who served gallantly during the war as a captain of the 46th Ohio Volunteers, was placed on the retired list April 7.

1st Lieut. Fremont P. Peck, O. D., is relieved from his present duties, and will report to the C. O. National Armory, Springfield, Mass. (S. O., April 2, H. Q. A.)

Carriages will be transferred to Watertown Arsenal, Mass., for alteration, as follows: From Fort Warren, Mass.—Eleven 10-inch front pintle barbette carriages. From Fort Wadsworth, N. Y. H.—Five 15-inch front pintle barbette carriages, with narrow 20-inch rail (S. O. 70, April 8, Div. 4.)

1st Lieut. Wm. B. Gordon, O. D., will proceed from the Watervliet Arsenal, West Troy, N. Y., to the Morgan Engineering Company's Works, Alliance, Ohio, on public business (S. O., April 8, H. Q. A.)

Signal Corps.

Capt. Richard E. Thompson, S. C., now on duty in Washington, D. C., will proceed to the following-named points and make a thorough inspection of the Signal Service stations located thereat: Cincinnati, O.; Louisville, Ky.; Springfield, Ill.; Indianapolis, Ind.; Columbus and Toledo, O.; Detroit, Mich.; Buffalo and Albany, N. Y.; Northfield, Vt.; Portland and Eastport, Me., and Boston, Mass. (S. O., April 2, H. Q. A.)

1st Lieut. Frank Greene, S. C., will proceed from Santa Fe, N. M., to Los Angeles, Cal., for duty as signal officer (S. O., April 4, H. Q. A.)

Asst. Professor Charles F. Marvin, Sig. Ser., will proceed from Washington, D. C., to New York City, Philadelphia, Pa., and Baltimore, Md., and will return (S. O. 33, April 7, Sig. Office.)

THE LINE.

The Stations of Companies not mentioned here will be found by reference to last number of the JOURNAL.

1st Cavalry, Colonel James S. Brisbin. Edqrs., A. B. D. E. G. K and L. Ft. Custer, Mont. Lt. Leavenworth, Kas.; C. F. and H. Ft. Assiniboine, Mont. Leave for 15 days is granted 2d Lt. Edward Ander-

son, Fort Assiniboine, Mont. (S. O. 51, March 28, D. Dak.)

Leave for 25 days, to take effect about May 1, is granted Capt. Otto L. Hein (S. O., April 8, H. Q. A.)

2nd Cavalry, Colonel David E. Clendenin.

Hdtrs., C, D, and H, Ft. Wingate, N. M.; A, San Carlos, Ariz., Ft. Stanton, N. M.; B and I, Ft. Huachuca, Ariz.; K and M, Ft. Bowie, Ariz.; F, Ft. Leavenworth, Kas.

Sergt. William Ripley, Troop F, for absence without leave, has been fined \$20.

3rd Cavalry, Colonel Albert P. Morrow.

Hdtrs., and G, Ft. McIntosh, Tex.; F, Ft. Davis, Tex.; D, H, I, and K, Ft. Stanton, Texas; U, Ft. Ringgold, Tex.; B, Ft. Brown, Tex.; A, Eagle Pass, Tex.; E, Camp Peña Colorado, Tex.

1st Lieut. James O. Mackay, recruiting officer, will visit the temporary branch rendezvous at Williamsport, Pa., April 7, 14, 21 and 28, on public business (S. O. 77, April 6, Rec. Ser.)

4th Cavalry, Colonel Chas. E. Compton.

Hdtrs., A, C, D, and H, Ft. Walla Walla, Wash.; I and K, Presidio of San Francisco, Cal.; G, Ft. Sherman, Idaho; E, Vancouver Bks., Wash.; F, Boise Bks., Idaho; B, Ft. Myer, Va.

Capt. William A. Thompson is designated to inspect cavalry horses at Vancouver Barracks (S. O. 49, April 1, D. Columbia.)

Pvt. D. W. Adams, Troop I, for making false and malicious complaints against his 1st sergeant, has been dishonorably discharged and relegated to confinement at hard labor at Alcatraz Island for two years.

The resignation of Vet. Surg. Henry Henning has been accepted by the acting Secretary of War, to take effect April 30 (S. O., April 8, H. Q. A.)

5th Cavalry, Colonel James F. Wade.

Hdtrs., B, C, E, G, K, and L, Ft. Reno, Okla.; D and H, Ft. Bill, Okla. T.; A and F, Ft. Supply, Ind. T.; I, Ft. Leavenworth, Kas.

Leave for one month, to take effect about May 1, is granted 1st Lieut. A. C. Macomb, with permission to apply for an extension of five months (S. O. 42, April 8, Dept. M.)

6th Cavalry, Colonel Eugene A. Carr.

Hdtrs., A, E, F, G, K, and L, Ft. Niobrara, Neb.; C, D, and H, Ft. McKinney, Wyo.; B, Ft. Myer, Va.; I, Camp Sheridan, Wyo.

1st Lieut. John N. Glass, upon being relieved from temporary charge of the rendezvous at 1126 Pine street, St. Louis, Mo., will proceed to Jefferson Barracks, Mo., for duty (S. O. 75, April 3, Rec. Ser.)

7th Cavalry, Colonel James W. Forsyth.

Hdtrs., A, B, C, D, E, G, I, and K, Ft. Riley, Kas.; F, H, and L, Ft. Sill, Okla. T.

1st Lieut. Ernest A. Garlington will proceed from Charleston, S. C., to West Point, N. Y., and report to the C. O. of that post (S. O., April 8, H. Q. A.)

8th Cavalry, Colonel Abraham K. Arnold.

Hdtrs., A, B, C, D, and I, Ft. Meade, S. D.; H, K, and L, Ft. Meade, Mont.; E, Ft. Buford, N. D.; F and G, Ft. Yates, N. D.

Capt. Charles M. O'Connor will relieve 1st Lieut. John N. Glass, 8th Cav., from temporary charge of the rendezvous at 1126 Pine street, in that city, receiving to him for the public property for which he is responsible (S. O. 75, April 3, Rec. Ser.)

9th Cavalry, Colonel Joseph G. Tilford.

Hdtrs., A, D, F, G, I, and K, Ft. Robinson, Neb.; B and H, Ft. Du Cheene, Utah; E, Ft. Washakie, Wyo.; C, Ft. Leavenworth, Kas.

Sergt. Edward Lee, of the band, for drunkenness and engaging in a disgraceful altercation with a private named Scruggs, has been reduced to private and mulcted \$20.

10th Cavalry, Colonel John K. Mizner.

Hdtrs., G, and F, Ft. Grant, A. T.; B, E, H, and I, Ft. Apache, A. T.; A, Ft. Thomas, A. T.; K, San Carlos, A. T.; C and D, Ft. Bayard, N. M.

1st Artillery, Colonel Loomis L. Langdon.

Hdtrs., A, G, I, and K, Ft. Hamilton, N. Y. H., C, D, and L, Ft. Wadsworth, N. Y. H.; E, Ft. Riley, K. S.; B, H, and M, Ft. Columbus, N. Y. H.; F, Ft. Monroe, Va.; K and M, Ft. McPherson, N. Y.—Light battery.

Capt. Edmund K. Russell will proceed to Fort Columbus, N. Y. H., and report for special duty (S. O. 67, April 4, Div. A.)

The C. O. Fort Columbus will send certain military convicts to the Military Prison at Fort Leavenworth, under charge of a guard commanded by Capt. Edmund K. Russell (S. O. 67, April 4, Div. A.)

2nd Artillery, Colonel John Mendenhall.

Hdtrs., C, G, and H, Ft. Adams, R. I.; L, Ft. Trumbull, Conn.; E, Ft. Preble, Me.; B and H, Ft. Warren, Mass.; A, Ft. Riley, Kas.; F, Ft. Leavenworth, Kas.; I, Ft. Monroe, Va.; K and M, Ft. McPherson, N. Y.—Light battery.

1st Lieut. E. E. Gayle will be relieved from college duty at Knoxville, Tenn., Sept. 15, and will then proceed to join his battery (S. O., April 7, H. Q. A.) The C. O. Fort Warren, Mass., will direct two officers to report to the C. O., Ft. Preble, Me., for temporary C. M. duty (S. O. 71, April 9, Div. A.)

4th Artillery, Colonel Henry W. Clossen.

Hdtrs., C, D, K, and L, Ft. McPherson, Ga.; B, Ft. Adams R. I.; F, Ft. Riley, Kas.; H, Ft. Monroe, Va.; I, Jackson Bks., La.; A and M, Ft. Barrancas, Fla.; E and G, St. Francis Bar- racks, Fla.—Light battery.

Pvt. Ludwig Windell, Light Bat. B, will be discharged May 19 by the C. O. Fort Adams, R. I. (S. O. 67, April 4, Div. A.)

2d Lieut. John E. McMahon will be relieved from duty at the U. S. Military Academy, West Point, N. Y., June 15, and will then report to Brig. Gen. Alexander McD. McCook for duty as aide-de camp (S. O., April 6, H. Q. A.)

Leave for 20 days is granted 1st Lieut. Henry R. Anderson (S. O. 71, April 9, Div. A.)

5th Artillery, Colonel Alex. Piper.

Hdtrs., B, C, D, F, H, and K, Presidio of San Francisco, Cal.; H, Ft. Mason, Cal.; K and L, Ft. Canby, Wash.; A and I, Alcatraz Island, Cal.; G, Ft. Monroe, Va.—Light battery.

The leave for seven days granted 1st Lt. Thomas R. Adams, Fort Monroe, Va., is extended five days (S. O. 70, April 8, Div. A.)

1st Infantry, Colonel William R. Shafter.

Hdtrs., A, B, E, G, and H, Angel Island, Cal.; C and D, Benicia Bks., Cal.; F, Ft. Gaston, Cal.

Capt. Charles R. Barnett, A. Q. M., will take

charge of 1st Lieut. Hampton M. Roach, absent without leave from Fort Monroe, and conduct him to that place (S. O. 68, April 6, Div. A.)

1st Lieut. Nat. P. Painter is detailed for instruction at the school for the two years' course commencing Sept. 1, and will report on July 10 (S. O., April 7, H. Q. A.)

2nd Infantry, Colonel Frank Wheaton.

Hdtrs., A, B, C, D, E, F, G, and H, Ft. Omaha, Neb.

Upon being relieved, at Norfolk, Va., 2d Lieut. Frank W. Ellis will proceed to join his company—F, Fort Omaha, Neb. (S. O., April 8, H. Q. A.)

3rd Infantry, Colonel Edwin C. Mason.

Hdtrs., A, C, D, E, and G, Ft. Snelling, Minn., and F, Ft. Meade, S. D., B, H and I, Ft. Sally, S. D.

1st Lieut. Chase W. Kennedy, Adj't., is detailed as recruiting officer at Fort Snelling, Minn., vice Lt. Francis P. Fremont, relieved (S. O. 50, March 26, D. Dak.)

Capt. James H. Gageby, recruiting officer, corner Main and Clinton streets, Johnstown, Pa., will proceed to Scottdale, Pa., and establish a temporary branch rendezvous at that place, and on completion of this duty will rejoin his station (S. O. 73, April 1, Rec. Ser.)

The regimental commander takes pleasure in publishing the following letter:

FORT MEADE, S. D., March 28, 1891.

Regimental Commander, 3d Infantry:

SIR: In relieving Co. C of your regiment from duty at this post, I desire to state that while it has been under my command, both in field and in garrison, all duties have been performed with promptness—in a soldierly manner and with hearty good will.

The march made by the company to join troops in the field when an emergency existed, was remarkable for the distance accomplished in short time, and for the fact that it came into camp with every man in ranks ready for service—and afterwards did good and faithful service knocking about with the cavalry on the Cheyenne, being always on time, with never a complaint.

I part with the company with regret, but feel that it will join your headquarters and take its place in line not inferior to any other.

Very respectfully, your obedient servant,

E. V. SUMNER, Lieut.-Col., 8th Cav., Comdg.

4th Infantry, Colonel William P. Carlin.

Hdtrs., D, E, F, and H, Ft. Sherman, Idaho; A, B, and G, Ft. Spokane, Wash.; C, Boise Barracks, Idaho.

2d Lieut. Benjamin M. Purcell, now in Washington, D. C., on awaiting orders, will report to the Chief Signal Officer of the Army for duty as acting signal officer, and after receiving general instructions will proceed to Norfolk, Va., and relieve 2d Lieut. Frank W. Ellis, 2d Inf., acting signal officer, of his present duties (S. O., April 8, H. Q. A.)

5th Infantry, Colonel Nathan W. Osborne.

Hdtrs., D, and E, Ft. Bliss, Tex.; B and G, Ft. McIntosh, Tex.; A and G, Ft. Ringgold, Tex.; H, Ft. Hancock, Tex.; F, Ft. Davis, Tex.

1st Lieut. William H. C. Bowen, recruiting officer, New Haven, Conn., will proceed to Hartford, Conn., on duty in connection with the recruiting service. Lieut. Bowen will visit the temporary branch rendezvous at Bridgeport, Conn., April 2, 9, 16, 23 and 30, and the temporary branch rendezvous at Waterbury, Conn., April 7, 14, 21 and 28 (S. O. 71, March 30, Rec. Ser.)

7th Infantry, Colonel Henry C. Merriam.

Hdtrs., B, C, D, E, F, and G, Ft. Logan, Colo.; A, Camp Pilot Butte, Wyo.; H, Ft. Leavenworth, Kas.; I, Fort Sill, Okla. T.

The leave for seven days granted 1st Lieut. A. B. Johnson, Adj't., is extended 23 days (S. O. 42, April 8, Dept. M.)

The leave granted 1st Lieut. George S. Young is extended one month on surgeon's certificate (S. O., April 8, H. Q. A.)

8th Infantry, Colonel August V. Kautz.

Hdtrs., A, E, and H, Ft. McKinney, Wyo.; C and D, Ft. Robinson, Neb.; B and I, Ft. Washakie, Wyo.; B and G, Ft. Nebraska, Neb.

The leave granted Capt. Charles Porter is extended one month (S. O. 27, April 1, Div. M.)

2d Lieut. Frederick V. Krug is assigned temporarily to the command of and duty of recruiting Co. I by the enlistment of Indians at Fort Washakie, Wyo. (S. O. 43, April 4, D. Plat.)

The station of Co. I is changed from Fort McKinney, Wyo., to Fort Washakie, Wyo., where it will be recruited by the enlistment of Indians (S. O. 43, April 4, D. Plat.)

9th Infantry, Colonel Charles G. Bartlett.

Hdtrs., A, B, C, D, E, F, and G, Ft. Verde, Ariz.; A, Camp Verde, Ariz.; H, Ft. Verde, Ariz.

1st Lieut. L. D. Tyson is authorized to take immediate advantage of the leave granted him (S. O. 33, March 26, D. Ariz.)

Leave for one month, with permission to apply for an extension of one month, to take effect about April 18, is granted Capt. Morris C. Foote (S. O. 34, March 26, D. Ariz.)

1st Lieut. Lawrence D. Tyson is detailed as Professor of Military Science and Tactics at the University of Tennessee, Knoxville, Tenn., to take effect Sept. 15, and will report for duty accordingly, relieving 1st Lieut. Edward E. Gayle, 2d Art. (S. O., April 7, H. Q. A.)

10th Infantry, Colonel Robert H. Offley.

Hdtrs., and B, Ft. Stanton, N. M.; C, D, and H, Ft. Wingate, N. M.; E, Ft. Lewis, Colo.; A and F, Ft. Leavenworth, Kas.; G, Oklahoma, Okla.

Capt. Gregory Barrett, recruiting officer, Wheeling, W. Va., will visit the temporary branch rendezvous at Parkersburg, W. Va., April 5, 10 and 15 (S. O. 74, April 2, Rec. Ser.)

2d Lieut. Evan M. Johnson, Jr., is detailed as Professor of Military Science and Tactics at Mount Union College, Alliance, O. (S. O., April 8, H. Q. A.)

11th Infantry, Colonel Richard L. Dodge.

Hdtrs., A, B, C, D, E, F, and G, Madison Bks., N. Y. C and E, Ft. Niagara, N. Y.

Leave for one month is granted Major James H. Bradford (S. O., April 8, H. Q. A.)

Leave until May 19, on surgeon's certificate, is granted Col. Richard L. Dodge (S. O. 70, April 8, Div. A.)

Capt. Francis W. Mansfield, recruiting officer, Pittsburgh, Pa., will proceed to Butler and Beaver Falls, Pa., on duty in connection with the Recruiting Service, and on completion of the duty will rejoin his station (S. O. 76, April 4, Rec. Ser.)

ing Service, and on completion of the duty will rejoin his station (S. O. 76, April 4, Rec. Ser.)

Pvt. David W. Holley, Co. D, will be discharged April 18, by the C. O. Madison Barracks, N. Y. (S. O. 70, April 8, Div. A.)

Pvt. Anson B. Longwith, Co. D, will be discharged April 22, by the C. O. Madison Barracks, N. Y. (S. O. 71, April 9, Div. A.)

12th Infantry, Colonel Edwin F. Townsend.

Hdtrs., E, and G, Ft. Leavenworth, Kas.; H, Ft. Yates, N. D.; C, Canna, D., and S. D., I, Ft. Reno, N. D.; A, Ft. Benning, S. D.; I, Ft. Reno, N. D.

1st Lieut. Palmer G. Wood is appointed regimental quartermaster, to take effect April 1 (O. 17, March 31, Hdtrs. 12th Inf.)

1st Lieut. Von Schrader, R. Q. M., having completed a tour of four years as regimental quartermaster, was relieved from further duty as such on March 31. Col. E. F. Townsend, in regimental orders, says: "In thus severing the official relations which have so long existed between him and Lieut. Von Schrader, made necessary by Army Regulations, the colonel commanding desires to express his great satisfaction with the zeal and ability exhibited by Lieut. Von Schrader in the performance of his duties, many of which at times have been exceedingly difficult, and performed under discouraging circumstances." (O. 17, March 31, Hdtrs. 12th Inf.)

The leave granted Capt. David J. Craigie is extended five days (S. O., April 8, H. Q. A.)

The following transfers are made: 1st Lieut. Frederick Von Schrader, from Co. G to Co. K; 1st Lieut. William W. Wotherspoon, from Co. D to Co. I; 1st Lieut. Guy Howard, from Co. I to Co. D; 1st Lieut. Charles H. Barth, from Co. K to Co. G (S. O., April 4, H. Q. A.)

13th Infantry, Colonel Montgomery Bryant.

Hdtrs., E, and H, Ft. Supply, Ind. T.; G, Ft. Reno, Okla. T.; A, C, and D, Ft. Bill, Okla. T.; F, Ft. Leavenworth, Kas., I, T.

14th Infantry, Colonel Thomas M. Anderson.

Hdtrs., B, C, D, E, F, and G, Vancouver Bks., Wash.; A, Ft. Townsend, Wash.; H, Ft. Leavenworth, Kas.

Capt. Gilbert S. Carpenter, recruiting officer, Cleveland, O., will proceed to Akron, O., and establish a temporary branch rendezvous at that place (S. O. 74, April 2, Rec. Ser.)

Capt. Gilbert S. Carpenter, recruiting officer, Cleveland, O., will visit the temporary branch rendezvous at Youngstown, O., April 8, on duty in connection with the Recruiting Service (S. O. 77, April 6, Rec. Ser.)

1st Lieut. Richard T. Yeatman is detailed as Professor of Military Science and Tactics at Doane Institute, New York City, and will report for duty accordingly (S. O., April 7, H. Q. A.)

15th Infantry, Colonel Robert E. Crofton.

Hdtrs., E, and H, Ft. Sheridan, Ill.; F, Ft. Buford, N. D.; C, Ft. Randall, S. D.; H, Ft. Pembina, N. D.; A and G, Mt. Vernon Barracks, Ala.; D, Jackson Barracks, La.

Pvt. John J. Sun'th, Co. D, will be discharged May 5 by the C. O. Jackson Barracks, La. (S. O. 67, April 4, Div. A.)

16th Infantry, Colonel Matthew M. Blunt.

Hdtrs., B, D, E, G, and H, Ft. Douglas, Utah; A, C, and F, Ft. Leavenworth, Utah.

17th Infantry, Colonel Henry R. Mizner.

Hdtrs., A, B, C, D, E, F, G, and H, Ft. D. Russell, Wyo.

Lieut.-Col. George K. Brady (recently promoted from major, 18th Infantry), will stand relieved as a member of the G. C. M. appointed at Fort Clark, Tex., by par. 2, S. O. 28, o. s., Dept. Texas (S. O. 29, March 30, D. Texas)

1st Lieut. Daniel H. Brush, recruiting officer, Rochester, N. Y., will proceed to Lyons, N. Y., on duty in connection with the Recruiting Service (S. O. 77, April 6, Rec. Ser.)

Cpl. Mizner, in regimental orders dated April 1, says: "The tour of four years of 1st Lieut. Edward Chynoweth as quartermaster of the regiment expires this day by operation of law. The regimental commander desires to express his commendation of the zeal and efficiency displayed by Lt. Chynoweth in the discharge of every duty and wished him every success in the future. Lieut. Chynoweth is assigned to Co. E. 1st Lieut. George H. Roach is announced as quartermaster of the regiment."

18th Infantry, Colonel Henry M. Lazelle.

Hdtrs., A, B, C, D, E, F, G, and H, Ft. Clark, Tex.

Lieut. Col. J. Ford Kent, Act. Insp.-Gen., will proceed on inspection service to Ft. Snelling, Minn. (S. O. 53, March 30, D. Dak.)

1st Lieut. Charles H. Cabanis, having been found incapacitated for active service, will proceed to his home (S. O., April 4, H. Q. A.)

Corp. Chas. E. Hays, Co. F, sends us these resolutions passed by the company, with 1st Sergt. Chas. J. Lorberg in the chair, expressive of their appreciation of the upright character and sterling worth as a man and as a soldier of their comrade, Sergt. Miles Doran:

Be it resolved, That we thus publicly give expression to our sorrow and

Be it resolved, That we extend our heartfelt sympathy to the bereaved relatives of our comrade; and

Be it resolved, That we tender our thanks to the ladies and officers of the post for courtesies extended to us at this time.

21st Infantry, Colonel Joseph S. Conrad.

Hdqs., A, C, E, and G, Ft. Sidney, Neb.; B, D, F, and H, Ft. Douglas, Utah.

Capt. Ebenezer W. Stone, recruiting officer, 231 Main street, Springfield, Mass., will proceed to Greenfield, Mass., and establish a temporary branch rendezvous at that place, and on completion of this duty will rejoin his station (S. O. 78, April 1, Rec. Ser.).

Leave for 14 days, to commence about April 10, is granted to 1st Lieut. Harris L. Roberts (S. O. 69, April 7, Div. A).

1st Lieut. Charles H. Bonesteel will report in person to the superintendent of the recruiting service, New York City, to conduct recruits to the Department of the Plate (S. O., April 8, H. Q. A.).

22nd Infantry, Colonel Peter T. Swaine.

Hdqs., A, B, C, D, and F, Ft. Keogh, Mont.; G, H and I, Ft. Yates, N. D.; E, Ft. Buford, N. D.

Lieut.-Col. John H. Page is assigned to station at Fort Keogh, Mont. (S. O. 53, March 30, D. Dak.)

Capt. Charles W. Miner will report to the Comdg. Gen. Dept. of the Missouri for temporary duty as assistant to the Inspector-General (S. O., April 4, H. Q. A.).

2d Lieut. Frederick R. Day, Sig. Officer, will, in addition to his present duties, assume charge of the U. S. military telegraph lines in Texas and in Oklahoma Territory, relieving therefrom 1st Lt. Frank Greene, S. C. (S. O. 38, April 7, Sig. Office.)

23rd Infantry, Colonel John J. Oppenberger.

Hdqs., A, E, F, and H, Ft. Sam Houston, Tex.; B, C, D, and G, Ft. Davis, Tex.

2d Lieut. Daniel B. Devore, is announced as aide-de-camp on the staff of the brigadier-general commanding the Department (G. O. 3, April 1, D. Texas.)

1st Lieut. William H. Sage is relieved from duty at Fort Davis, Tex., and will proceed to join his company at Fort Sam Houston, Tex. (S. O. 38, April 2, D. Texas.)

The leave granted 1st Lieut. J. Rozier Clagett is extended 15 days (S. O., April 8, H. Q. A.).

24th Infantry, Colonel Zenas R. Bliss.

Hdqs., A, B, F, and H, Ft. Bayard, N. M.; B and C, Ft. Grant, Ariz.; E and G, San Carlos, Ariz.

1st Lieut. Henry W. Hovey is relieved as Judge-Advocate of the G. C. M. convened at Fort Bayard, N. M., by par. 2, S. O. 18, c. s., Dept. Ariz., and 2d Lt. Winthrop S. Wood, 10th Cav., relieved as member and detailed as Judge-Advocate of the court (S. O. 34, March 28, D. Ariz.)

25th Infantry, Colonel George L. Andrews.

Hdqs., F, G, and H, Ft. Missoula, Mont.; B, C, and E, Ft. Shaw, Mont.; A and D, Ft. Custer, Mont.

Capt. Walter S. Scott, now at Fort Custer, Mont., having been assigned on promotion to Co. K, will proceed to Fort Missoula, Mont. (S. O. 53, March 30, D. Dak.)

Leave for two months, on surgeon's certificate, with permission to go beyond the limits of the Division and apply for an extension of two months, is granted Capt. Henry P. Ritzius (S. O. 27, April 1, Div. M.)

The appointment of 1st Lieut. Carroll H. Devol to be regimental quartermaster terminates this date. The regimental commander takes this opportunity to publicly commend Lieut. Devol for the zeal, good judgment and urbanity with which he has performed his duties (O. 15, April 1, Hdqrs. 25th Inf.)

(For Late Army Orders see page 586.)

Courts-martial.

At Fort Pembina, N. D., March 31. Detail: Capt. George W. H. Stouch, 3d Inf., president; Capt. Edward S. Chapin, 18th Inf.; Capt. William D. Crosby, Med. Dept.; 1st Lieut. Frank P. Murray, 3d Inf.; 1st Lieut. Will T. May, 15th Inf.; 2d Lieut. Peter Murray, 3d Inf., members, and 2d Lieut. Harold L. Jackson, 15th Inf.; J. A. (S. O. 50, March 28, D. Dak.)

At Angel Island, Cal. April 6. Detail: Captains William E. Dougherty, Robert G. Armstrong, John J. O'Connell, Thomas H. Barry, 1st Inf.; 1st Lieutenant David D. Johnson, 5th Art.; 1st Lieut. Frank de L. Carrington, Adj't, 1st Inf.; 1st Lieuts. Lewis H. Strother, Thomas Connolly, 1st Inf.; 2d Lieut. Frank L. Winn, 1st Inf.; 2d Lieut. Wilmet E. Hayes, 5th Art.; 2d Lieut. Sydney A. Cloman, 1st Inf.; 2d Lt. Edward F. McGinnish, Jr., 5th Art.; Addl. 2d Lieut. William C. Davis, 5th Art., members, and 2d Lt. Dwight E. Holley, 1st Inf.; J. A. (S. O. 28, April 1, D. Cal.)

At Fort Schuyler, N. Y. H., April 8. Detail: Major Charles B. Throckmorton, 2d Artillery; Captain John H. Cale, 2d Art.; Capt. William R. Hall, Asst. Surg.; 1st Lieuts. Robert M. Rogers, Alexander D. Schenck, 3d Art.; Addl. 2d Lieut. George Montgomery, 2d Art., members, and 2d Lt. Herman C. Schum, 2d Art.; Capt. Stephen Baker, 6th Inf.; Capt. Ira Quincy, 11th Inf.; Capt. Edwin F. Gardner, Asst. Surg.; Capt. Frederick W. Thibaut, 7th Inf.; Capt. Albert L. Myer, 11th Inf., members, and 2d Lieut. Amos B. Shattuck, 6th Inf.; J. A. (S. O. 69, April 7, Div. A.)

At Fort Columbus, N. Y. H., April 10. Detail: Major William L. Haskin, 1st Art.; Capt. Abner H. Merrill, 1st Art.; Capt. James E. Pitcher, Asst. Surg.; 1st Lieuts. Henry M. Andrews, William C. Rafferty, 1st Art.; 2d Lieuts. Charles T. Mencher, William Lassiter, 1st Art., members, and 2d Lieut. Colden L. H. Ruggles, 3d Art.; J. A. (S. O. 69, April 7, Div. A.)

At Fort Porter, N. Y., April 10. Detail: Major William J. Lawyer, 6th Infantry; Capt. Stephen Baker, 6th Inf.; Capt. Ira Quincy, 11th Inf.; Capt. Edwin F. Gardner, Asst. Surg.; Capt. Frederick W. Thibaut, 7th Inf.; Capt. Albert L. Myer, 11th Inf., members, and 2d Lieut. Amos B. Shattuck, 6th Inf.; J. A. (S. O. 69, April 7, Div. A.)

At Fort Leavenworth, Kas., April 13. Detail: Captain C. A. Woodruff, 2d Artillery; Capt. J. M. J. Sanno, 7th Inf.; Capt. D. J. Craigie, 13th Inf.; 1st Lieut. R. B. Watkins, 6th Cav.; 2d Lieut. R. L. Bullard, 10th Inf.; 2d Lieut. A. I. Lasagne, 7th Inf.; 2d Lieut. W. R. Sample, 14th Inf.; 2d Lieut. William Ulmer, 12th Inf.; 2d Lieut. O. B. Meyer, 2d Cav., members, and 1st Lieut. R. K. Evans, 12th Inf.; J. A. (S. O. 41, April 7, Dept. M.)

At Fort Wayne, Mich., April 13. Detail: Capt. Charles A. Vernon, 19th Inf.; Capt. Charles B. Hall, 19th Infantry; Capt. Cornelius Gardener, 19th Inf.; 1st Lieut. Alexander H. M. Taylor, 19th Inf.; 1st Lieut. Christian C. Hewitt, 19th Inf.; 2d Lieut. Zebulon B. Vance, Jr., 19th Inf.; 2d Lieut. William T. Wilder, 19th Inf., members, and 1st Lieut. Francis H. French, Adj't., 19th Inf.; J. A. (S. O. 71, April 9, Div. A.)

Army Boards.

A Board of Officers, to consist of Major John V. Lauderdale, Surg.; Capt. James W. Powell, Jr., 6th Inf., and 2d Lt. William C. Bennett, 6th Inf., A. C. S., will assemble at Fort Ontario, N. Y., to report upon the qualifications of 1st Sgt. Andrew Ryan, Co. C, 6th Inf., for commissary sergeant (S. O. 55, April 8, Div. A.)

A Board of Officers, to consist of Col. John Mendenhall, 2d Art.; Capt. George Mitchell, 2d Art., and 1st Lieut. Louis R. L. April 9, to report upon the qualifications of Sgt. John H. Cashman, Bat. C, 2d Art., for appointment as commissary sergeant (S. O. 68, April 6, Div. A.)

The Board of Officers convened at the Army Building, New York City, by S. O. 23, Feb. 16, 1891, H. Q. A., to examine officers for the purpose of determining their fitness for promotion, is dissolved (S. O., April 2, H. Q. A.)

A Board of Officers, to consist of Lieut.-Col. La Rhett L. Livingston, 2d Art.; Major Charles B. Byrne, Surg.; Capt. John R. Myrick, 3d Art.; Capt. Edward C. Knower, 3d Art.; Capt. Walter Reed, Asst. Surg., and 1st Lieut. W. Hobbs, 3d Art., recorder, is appointed to meet at Fort McHenry, Md., April 7, to ascertain and report as to the physical condition of William C. Spencer, late captain, 17th Inf., at the time of his resignation in December, 1862, and the disability, if any, under which he was then suffering, and whether by reason of the same he was entitled to retirement at the time of his said resignation (S. O., April 4, H. Q. A.)

Examining Boards for Enlisted Men.

A Board of officers, to consist of Major Louis T. Morris, 3d Cav.; Capt. Richard L. Eskridge, 2d Inf.; Capt. William C. Manning, 2d Inf.; Capt. George K. Hunter, 3d Cav., and Capt. George P. Borden, 5th Inf., will assemble at Fort Sam Houston, Tex., April 13, to make a preliminary examination into the claims and qualifications of such non-commissioned officers, recommended for promotion to the grade of second lieutenant in the Army, as shall be ordered before it. The following-named non-commissioned officers will report to the Board for examination: Corp. Jasper E. Brady, Jr., Co. D, 18th Inf.; Corp. Charles E. Hayes, Co. F, 18th Inf., and Sgt. Otto Dillon, Co. H, 18th Inf. (S. O. 30, April 2, D. Tex.)

Retirements of Enlisted Men.

The following-named enlisted men, now at the stations designated, are, upon their own application, placed upon the retired list, and will report to their homes: Sgt. George Bruchman, Bat. A, 5th Art., Alcatraz Island, Cal.; Pvt. Martin Koch, Troop K, 2d Cav., Fort Keogh, Mont.; Pvt. Martin Koch, Troop K, 2d Cav., Fort Bowie, Ariz.; Pvt. Emil Ludwig, Troop C, 4th Cav., Fort Walla Walla, Wash.; 1st Sgt. Louis Marquart, Co. E, Battn. Engrs., West Point, N. Y.; Post Q. M. Sgt. Edward McGann, Ft. Walla Walla, Wash.; Pvt. John McGuinness, Co. D, 4th Inf.; Ft. Sherman, Idaho; Pvt. Charles O'Neill, Co. G, 12th Inf., Ft. Leavenworth, Kas.; Corp. Daniel Stevens, Troop I, 4th Cav., Presidio of San Francisco, Cal., and Sgt. John V. Whiteford, Bat. I, 2d Art., Fort Monroe, Va. (S. O., April 7, H. Q. A.)

DEPARTMENT NEWS.**Division of the Atlantic.—Maj.-Gen. Howard.**

Military matters at Fort Wayne, Mich., are quiet although the advent of spring has given an impetus to military instruction of all kinds. Small arms practice by the troops at Fort Wayne will be held during the summer at Fort Mackinac, there being no suitable rifle ranges at the former post. The 19th Infantry much regret to lose one or its oldest captains—James H. Bradford—who has been with the regiment since 1869, and now goes in a few weeks to Sackett's Harbor as major of the 11th Infantry. At Fort Brady, Mich., the new post is the principal matter of interest being looked forward to and the people of Sault Ste. Marie are very glad that Uncle Sam's troops in their vicinity are soon to be better housed than they have been for some years past. At Fort Porter, Buffalo, N. Y., military matters are in excellent shape under Major Lyster, the only drawback being a scarcity of lieutenants, one being on recruiting duty and the other just ordered on college duty. A temporary detail is, however, expected to bridge over the difficulty for the present. At Fort Niagara energetic efforts are being made to get the rifle ranges into good trim for the midsummer rifle competitions and preliminary practice. At Fort Ontario, one company post, everything is in good order under the experienced commandant, Captain W. H. Powell, 6th Infantry. At Madisen Bks., Sackett's Harbor, the principal topic of interest is the approaching retirement of the soldierly, scholarly and genial-natured Col. Richard I. Dodge, 11th Infantry, who, unfortunately for the Service, attains his 65th birthday May 19 next. The post parts with regret with the recent major of the 11th, now lieutenant-colonel—John H. Page—an excellent officer and first-class drill instructor. At Plattsburgh Bks. the new post to be built in the leading item of interest and the village of Plattsburgh is looking forward to a bonanza, when it has a regiment of infantry and a few batteries of artillery in its vicinity, supported out of the Government coffers. At Washington Bks., D. C., the post is beginning to assume a springlike air; overcoats are not now sported on duty so frequently as heretofore and there is a general furnishing up all round. Like the 11th Infantry, the 3d Artillery is soon to lose its gallant colonel, Horatio G. Gibson, who retires May 22 after a distinguished service dating from July 1, 1847, who has been identified with the regiment for almost 23 years, namely, from September, 1847, to February, 1867, and from December, 1883, until the present time. The new colonel of the gallant 3d will find everything in good shape when he assumes the reins. At Fort Myer, Va., the sound of the hammer is heard at the post, as the two cavalry troops now there are packing up for fresh fields and pastures new. The present garrison has gained the good will of the neighborhood and the departure will be viewed with sincere regret.

At Fort Monroe, Va., that paradise among posts, hard professional study and work are ever present, the present commandant, the energetic Lieut.-Col. Frank, 2d Artillery, being thoroughly of the opinion that it is better for young officers to wear out than to rust out. The Hygeia is well filled, the several boarding houses are well patronized, and Old Point is still maintaining its reputation as a first-class pleasure resort for health and comfort, especially for those who love the military. Getting down to Newport, Ky., the new post, Fort Thomas, is getting slowly but surely into good shape and will, when finished, be a model military garrison, not so pretentious as some, but of good quality. The fine band of the 6th Infantry, which is not chary of its talents for the benefit of the public, has done much to make the new post popular. Lieut. T. G. Townsend, 6th Infantry, a capable and practical officer, is in charge of the improvements under the quartermaster-general.

At Fort Wayne, Mich., April 13. Detail: Capt. Charles A. Vernon, 19th Inf.; Capt. Charles B. Hall, 19th Infantry; Capt. Cornelius Gardener, 19th Inf.; 1st Lieut. Alexander H. M. Taylor, 19th Inf.; 1st Lieut. Christian C. Hewitt, 19th Inf.; 2d Lieut. Zebulon B. Vance, Jr., 19th Inf.; 2d Lieut. William T. Wilder, 19th Inf., members, and 1st Lieut. Francis H. French, Adj't., 19th Inf.; J. A. (S. O. 71, April 9, Div. A.)

At Fort Leavenworth, Kas., April 13. Detail: Captain C. A. Woodruff, 2d Artillery; Capt. J. M. J. Sanno, 7th Inf.; Capt. D. J. Craigie, 13th Inf.; 1st Lieut. R. B. Watkins, 6th Cav.; 2d Lieut. R. L. Bullard, 10th Inf.; 2d Lieut. A. I. Lasagne, 7th Inf.; 2d Lieut. W. R. Sample, 14th Inf.; 2d Lieut. William Ulmer, 12th Inf.; 2d Lieut. O. B. Meyer, 2d Cav., members, and 1st Lieut. R. K. Evans, 12th Inf.; J. A. (S. O. 41, April 7, Dept. M.)

At Fort Wayne, Mich., April 13. Detail: Capt. Charles A. Vernon, 19th Inf.; Capt. Charles B. Hall, 19th Infantry; Capt. Cornelius Gardener, 19th Inf.; 1st Lieut. Alexander H. M. Taylor, 19th Inf.; 1st Lieut. Christian C. Hewitt, 19th Inf.; 2d Lieut. Zebulon B. Vance, Jr., 19th Inf.; 2d Lieut. William T. Wilder, 19th Inf., members, and 1st Lieut. Francis H. French, Adj't., 19th Inf.; J. A. (S. O. 71, April 9, Div. A.)

At Fort Leavenworth, Kas., April 13. Detail: Captain C. A. Woodruff, 2d Artillery; Capt. J. M. J. Sanno, 7th Inf.; Capt. D. J. Craigie, 13th Inf.; 1st Lieut. R. B. Watkins, 6th Cav.; 2d Lieut. R. L. Bullard, 10th Inf.; 2d Lieut. A. I. Lasagne, 7th Inf.; 2d Lieut. W. R. Sample, 14th Inf.; 2d Lieut. William Ulmer, 12th Inf.; 2d Lieut. O. B. Meyer, 2d Cav., members, and 1st Lieut. R. K. Evans, 12th Inf.; J. A. (S. O. 41, April 7, Dept. M.)

At Fort Wayne, Mich., April 13. Detail: Capt. Charles A. Vernon, 19th Inf.; Capt. Charles B. Hall, 19th Infantry; Capt. Cornelius Gardener, 19th Inf.; 1st Lieut. Alexander H. M. Taylor, 19th Inf.; 1st Lieut. Christian C. Hewitt, 19th Inf.; 2d Lieut. Zebulon B. Vance, Jr., 19th Inf.; 2d Lieut. William T. Wilder, 19th Inf., members, and 1st Lieut. Francis H. French, Adj't., 19th Inf.; J. A. (S. O. 71, April 9, Div. A.)

At Fort Wayne, Mich., April 13. Detail: Capt. Charles A. Vernon, 19th Inf.; Capt. Charles B. Hall, 19th Infantry; Capt. Cornelius Gardener, 19th Inf.; 1st Lieut. Alexander H. M. Taylor, 19th Inf.; 1st Lieut. Christian C. Hewitt, 19th Inf.; 2d Lieut. Zebulon B. Vance, Jr., 19th Inf.; 2d Lieut. William T. Wilder, 19th Inf., members, and 1st Lieut. Francis H. French, Adj't., 19th Inf.; J. A. (S. O. 71, April 9, Div. A.)

At Fort Wayne, Mich., April 13. Detail: Capt. Charles A. Vernon, 19th Inf.; Capt. Charles B. Hall, 19th Infantry; Capt. Cornelius Gardener, 19th Inf.; 1st Lieut. Alexander H. M. Taylor, 19th Inf.; 1st Lieut. Christian C. Hewitt, 19th Inf.; 2d Lieut. Zebulon B. Vance, Jr., 19th Inf.; 2d Lieut. William T. Wilder, 19th Inf., members, and 1st Lieut. Francis H. French, Adj't., 19th Inf.; J. A. (S. O. 71, April 9, Div. A.)

At Fort Wayne, Mich., April 13. Detail: Capt. Charles A. Vernon, 19th Inf.; Capt. Charles B. Hall, 19th Infantry; Capt. Cornelius Gardener, 19th Inf.; 1st Lieut. Alexander H. M. Taylor, 19th Inf.; 1st Lieut. Christian C. Hewitt, 19th Inf.; 2d Lieut. Zebulon B. Vance, Jr., 19th Inf.; 2d Lieut. William T. Wilder, 19th Inf., members, and 1st Lieut. Francis H. French, Adj't., 19th Inf.; J. A. (S. O. 71, April 9, Div. A.)

At Fort Wayne, Mich., April 13. Detail: Capt. Charles A. Vernon, 19th Inf.; Capt. Charles B. Hall, 19th Infantry; Capt. Cornelius Gardener, 19th Inf.; 1st Lieut. Alexander H. M. Taylor, 19th Inf.; 1st Lieut. Christian C. Hewitt, 19th Inf.; 2d Lieut. Zebulon B. Vance, Jr., 19th Inf.; 2d Lieut. William T. Wilder, 19th Inf., members, and 1st Lieut. Francis H. French, Adj't., 19th Inf.; J. A. (S. O. 71, April 9, Div. A.)

At Fort Wayne, Mich., April 13. Detail: Capt. Charles A. Vernon, 19th Inf.; Capt. Charles B. Hall, 19th Infantry; Capt. Cornelius Gardener, 19th Inf.; 1st Lieut. Alexander H. M. Taylor, 19th Inf.; 1st Lieut. Christian C. Hewitt, 19th Inf.; 2d Lieut. Zebulon B. Vance, Jr., 19th Inf.; 2d Lieut. William T. Wilder, 19th Inf., members, and 1st Lieut. Francis H. French, Adj't., 19th Inf.; J. A. (S. O. 71, April 9, Div. A.)

At Fort Wayne, Mich., April 13. Detail: Capt. Charles A. Vernon, 19th Inf.; Capt. Charles B. Hall, 19th Infantry; Capt. Cornelius Gardener, 19th Inf.; 1st Lieut. Alexander H. M. Taylor, 19th Inf.; 1st Lieut. Christian C. Hewitt, 19th Inf.; 2d Lieut. Zebulon B. Vance, Jr., 19th Inf.; 2d Lieut. William T. Wilder, 19th Inf., members, and 1st Lieut. Francis H. French, Adj't., 19th Inf.; J. A. (S. O. 71, April 9, Div. A.)

At Fort Wayne, Mich., April 13. Detail: Capt. Charles A. Vernon, 19th Inf.; Capt. Charles B. Hall, 19th Infantry; Capt. Cornelius Gardener, 19th Inf.; 1st Lieut. Alexander H. M. Taylor, 19th Inf.; 1st Lieut. Christian C. Hewitt, 19th Inf.; 2d Lieut. Zebulon B. Vance, Jr., 19th Inf.; 2d Lieut. William T. Wilder, 19th Inf., members, and 1st Lieut. Francis H. French, Adj't., 19th Inf.; J. A. (S. O. 71, April 9, Div. A.)

At Fort Wayne, Mich., April 13. Detail: Capt. Charles A. Vernon, 19th Inf.; Capt. Charles B. Hall, 19th Infantry; Capt. Cornelius Gardener, 19th Inf.; 1st Lieut. Alexander H. M. Taylor, 19th Inf.; 1st Lieut. Christian C. Hewitt, 19th Inf.; 2d Lieut. Zebulon B. Vance, Jr., 19th Inf.; 2d Lieut. William T. Wilder, 19th Inf., members, and 1st Lieut. Francis H. French, Adj't., 19th Inf.; J. A. (S. O. 71, April 9, Div. A.)

At Fort Wayne, Mich., April 13. Detail: Capt. Charles A. Vernon, 19th Inf.; Capt. Charles B. Hall, 19th Infantry; Capt. Cornelius Gardener, 19th Inf.; 1st Lieut. Alexander H. M. Taylor, 19th Inf.; 1st Lieut. Christian C. Hewitt, 19th Inf.; 2d Lieut. Zebulon B. Vance, Jr., 19th Inf.; 2d Lieut. William T. Wilder, 19th Inf., members, and 1st Lieut. Francis H. French, Adj't., 19th Inf.; J. A. (S. O. 71, April 9, Div. A.)

At Fort Wayne, Mich., April 13. Detail: Capt. Charles A. Vernon, 19th Inf.; Capt. Charles B. Hall, 19th Infantry; Capt. Cornelius Gardener, 19th Inf.; 1st Lieut. Alexander H. M. Taylor, 19th Inf.; 1st Lieut. Christian C. Hewitt, 19th Inf.; 2d Lieut. Zebulon B. Vance, Jr., 19th Inf.; 2d Lieut. William T. Wilder, 19th Inf., members, and 1st Lieut. Francis H. French, Adj't., 19th Inf.; J. A. (S. O. 71, April 9, Div. A.)

At Fort Wayne, Mich., April 13. Detail: Capt. Charles A. Vernon, 19th Inf.; Capt. Charles B. Hall, 19th Infantry; Capt. Cornelius Gardener, 19th Inf.; 1st Lieut. Alexander H. M. Taylor, 19th Inf.; 1st Lieut. Christian C. Hewitt, 19th Inf.; 2d Lieut. Zebulon B. Vance, Jr., 19th Inf.; 2d Lieut. William T. Wilder, 19th Inf., members, and 1st Lieut. Francis H. French, Adj't., 19th Inf.; J. A. (S. O. 71, April 9, Div. A.)

At Fort Wayne, Mich., April 13. Detail: Capt. Charles A. Vernon, 19th Inf.; Capt. Charles B. Hall, 19th Infantry; Capt. Cornelius Gardener, 19th Inf.; 1st Lieut. Alexander H. M. Taylor, 19th Inf.; 1st Lieut. Christian C. Hewitt, 19th Inf.; 2d Lieut. Zebulon B. Vance, Jr., 19th Inf.; 2d Lieut. William T. Wilder, 19th Inf., members, and 1st Lieut. Francis H. French, Adj't., 19th Inf.; J. A. (S. O. 71, April 9, Div. A.)

At Fort Wayne, Mich., April 13. Detail: Capt. Charles A. Vernon, 19th Inf.; Capt. Charles B. Hall, 19th Infantry; Capt. Cornelius Gardener, 19th Inf.; 1st Lieut. Alexander H. M. Taylor, 19th Inf.; 1st Lieut. Christian C. Hewitt, 19th Inf.; 2d Lieut. Zebulon B. Vance, Jr., 19th Inf.; 2d Lieut. William T. Wilder, 19th Inf., members, and 1st Lieut. Francis H. French, Adj't., 19th Inf.; J. A. (S. O. 71, April 9, Div. A.)

At Fort Wayne, Mich., April 13. Detail: Capt. Charles A. Vernon, 19th Inf.; Capt. Charles B. Hall, 19th Infantry; Capt. Cornelius Gardener, 19th Inf.; 1st Lieut. Alexander H. M. Taylor, 19th Inf.; 1st Lieut. Christian C. Hewitt, 19th Inf.; 2d Lieut. Zebulon B. Vance, Jr., 19th Inf.; 2d Lieut. William T. Wilder, 19th Inf., members, and 1st Lieut. Francis H. French, Adj't., 19th Inf.; J. A. (S. O. 71, April 9, Div. A.)

At Fort Wayne, Mich., April 13. Detail: Capt. Charles A. Vernon, 19th Inf.; Capt. Charles B. Hall, 19th Infantry; Capt. Cornelius Gardener, 19th Inf.; 1st Lieut. Alexander H. M. Taylor, 19th Inf.; 1st Lieut. Christian C. Hewitt, 19th Inf.; 2d Lieut. Zebulon B. Vance, Jr., 19th Inf.; 2d Lieut. William T. Wilder, 19th Inf., members, and 1st Lieut. Francis H. French, Adj't., 1

Cape Verde Islands, the Azores, with perhaps a trip as far south as St. Helena, but the best part of the cruise will be spent in the Mediterranean.

On Special Service.

AND AWAITING ASSIGNMENT.

ALERT., 8d rate, 4 guns, Comdr. R. D. Hitchcock. At Mare Island yard. Ordered to the coast of Central America to relieve *Ranger*. Will leave in a few days.

BALTIMORE, 1st rate, 10 guns, Captain W. S. Schley. Mail should be sent care United States Consul, Panama, U. S. C. At Tacabuana April 4.

CONCORD, 3d rate, 6 guns. Commander O. A. Batcheller. At the New York Navy-yard, fitting for sea.

DESPATCH, 4th rate, Lieut. Wm. S. Cowles. At Washington Navy-yard at last reports. Will soon be laid up for repairs.

FORTUNE, tug, Lieut. Comdr. A. J. Iverson. At New York April 4.

MARION, 3d rate, 8 guns, at Mare Island, Cal. Comdr. J. R. Bartlett ordered to command. Will go in commission April 27. Will probably be ordered to Asiatic station.

MICHIGAN, 4th rate, 4 guns, (2 howitzers and 2 Gatlings). Commander Geo. H. Wadleigh. At Erie, Pa.

NEW JERSEY, 1st rate, 12 guns, Capt. Silas Casey. At Cramp's shipbuilding yard, Philadelphia. Will be fitted for sea.

NEW HAMPSHIRE, 8 howitzers, Receiving Ship for boys. At New London, Ct.

PINTA, 4th rate, 4 howitzers. Lieut.-Comdr. O. W. Farenholz. At Sitka, Alaska.

RANGER, 8d rate, 1 gun. Comdr. Geo. E. Wingate. At Corinto, Nicaraqua. Mail for this ship should be sent in care of Navy Pay Office, San Francisco. Has been ordered to return to San Francisco.

SARATOGA, Comdr. F. M. Green, nautical schoolship of Pennsylvania. Arrived at Pensacola, Fla., April 4 from Kingston, Jamaica. She was to leave the latter place April 15 for Philadelphia.

ST. MARY'S, sails, 8 guns, Comdr. John McGowan, Jr. N. Y. Public Marine School. In the East River at foot of 31st street. The *St. Mary's* will sail early in May on her annual summer cruise. The ship will visit the following named ports during the summer cruise: The Azores, Queenstown, Southampton, Cherbourg or Havre, Lisbon, Cadiz, Gibraltar, Tangiers and Madeira, returning to New York about Oct. 15. It is also the intention to make winter cruises, leaving New York early in December, cruising among the Windward Islands in the West Indies and returning to New York in April. As both winter and summer cruises will now be made the whole time will be devoted to instruction in seamanship and navigation.

THETIS, 8d rate, 2 machine guns, Lieut. Comdr. Charles H. Stockton. At Mare Island. Is being fitted out for surveying duty.

YANTIC, 8d rate, 4 guns, Comdr. Chas. H. Rockwell. Sailed North from Port Royal, S. C. March 28. Her address will be Tompkinsville, S. I. until further orders. Has been ordered to South Atlantic to relieve *Tallapoosa*.

DOLPHIN, 8d rate, 4 guns. Comdr. Yates Stirling. At Norfolk, being fitted as a despatch vessel, to take the place of the *Despatch*.

Receiving Ships. Iron-Clads, Etc.

DALE, Comdr. Wm. Bainbridge-Hoff. Receiving Ship. Navy-yard, Washington, D. C.

FRANKLIN, 80 guns, Capt. John F. McGlensay. Receiving ship. Navy-yard, Norfolk, Va.

INDEPENDENCE, 7 howitzers. Captain Byron Wilson. Receiving ship. Navy-yard, Mare Island, Cal.

PHLOX, Naval Academy Tug. Mate B. G. Perry in command. Annapolis, Md.

ST. LOUIS, sails, Captain E. C. Merriman. Receiving ship. Navy-yard, League Island, Pa.

VERMONT, 1 gun. Capt. L. A. Beardlee. Receiving ship. Navy-yard, New York.

WABASH, 30 guns, Captain E. O. Matthews. Receiving ship. Navy-yard, Boston, Mass.

The armor-clads *Ajax*, *Catskill*, *Canonicus*, *Lehigh*, *Maquac*, *Manhattan* and *Wyandotte*, in command of Comdr. J. D. Graham, are laid up near Richmond, Va. P. O. address, Richmond, Va.

The *Bennington*, 8d rate, 8 guns. Comdr. R. B. Bradford has been ordered to hold himself in readiness to command this vessel when she is accepted by the Government.

The *Miantonomoh* will soon be commissioned for service, and will be employed as training ship for firemen and coal-heavers, and probably will be also used as gunnery ship. Capt. Montgomery Sicard, U. S. N., will command her; Lieut.-Comdr. Asa Walker will be the executive officer, and Chief Engineer G. M. Magee will be her chief engineer.

VARIOUS NAVAL ITEMS.

THE U. S. S. *Galena* arrived at the Kittery (Me.) Navy yard, April 6. She is reported to be badly hogged. The tug *Nina* has been safely docked at the Navy-yard, N. Y.

THE Italian protected torpedo cruiser *Arctusa*, 700 tons, 18 knots, was launched March 14. Two others, *Umbria* and *Etruria*, 10 knots, will be launched this week.

SIR GEO. ELLIOTT proposes that first-class merchant steamers, carrying some naval reserve men and no foreigners, should be provided with a small breechloader and ammunition for practice.

On the arrival of the *Mohican* at Mare Island, it is believed to be the intention of the Department to order the new crew and officers at once to her and continue the ship in commission without repairs.

A NUMBER of claims for indemnity for loss of clothing by the enlisted men of the *Galena* have been filed with the Fourth Auditor of the Treasury. They will not be paid until the extent of the damage to the vessel has been determined.

Engineering for March 27 gives considerable space to American war ships, publishing a picture of the

Yorktown and 18 outline drawings, showing the character of this vessel and the *Chicago*, *Atlanta*, *Baltimore*, *Philadelphia*, *Charleston* and *Texas*.

Now that the *Yantic* has completed her mission of destroying wrecks along the Atlantic Coast, she will be prepared at once for a cruise in the South Atlantic Station as the relief of the *Tallapoosa*, which has now reached the full limit of her endurance and will soon be sold on her present station. The *Yantic* by reason of her light draft is especially well adapted for the navigation of the smaller rivers in Brazil and the other Southern countries.

SPEAKING of the *Revista Maritima*, which enjoys the advantage of a Government grant, the *Army and Navy Gazette* says: "There is no naval publication in Europe that can be compared with it for excellence, and even the American ones are inferior to it in typography and general get-up." The current number contains an article on electric light in warships illustrated by 17 plates, an article on "The Merchant Service of Germany," and an article on the use and capabilities of torpedo boats.

The *San Francisco* left Mare Island, Cal., for Valparaiso, Chile, April 8. No decision has yet been reached in regard to her destination, but it is considered more than likely that she too will be ordered to Chilean waters. It depends entirely upon the character of the next batch of war news received from Rear Admiral McCann. If she is not imperatively needed in the Southern Pacific she will be sent back to Honolulu. There is no truth in the statement that she will carry the Territorial Commission to Alaska.

At the official trials of the machinery of the first class cruiser *Pelago*, recently added to the Spanish fleet, the results obtained were considerably in excess of the guarantee, 16.20 knots instead of 15 knots having been obtained with natural draught. The coal consumption at 12-knot speed and per 24 hours was 45 tons instead of the prescribed maximum of 70 tons. At the normal draught of water the *Pelago* can carry 800 tons of coal, a supply sufficient, with a speed of 12 knots, to cover a distance of from 4,500 to 5,000 miles. Reduced to a speed of 10 knots, the steaming capacity would be 7,500 miles.

The *Dolphin*, which has often been spoken of for the purpose, is to be assigned to special service as a despatch vessel in place of the *Despatch*, which has outlived her usefulness for almost any purpose. The *Dolphin* is now at the Norfolk Navy-yard, having been detached from the Squadron of Evolution on April 8. Authority has been given for the enlargement of her cabin accommodations and other changes and repairs to the extent of \$25,000. She will also be fitted with torpedoes and other appliances for the destruction of wrecks along the Atlantic coast, which service she will render in addition to the work heretofore performed by the *Despatch*.

The delay in getting the *Newark* and *Concord* ready for sea will prevent their joining the squadron of evolution on the Florida coast. It is probable that they will both be sent to Hampton Roads, where with the *Yorktown* they will comprise the squadron pending the repairs to the *Chicago*, *Boston* and *Atlanta*, which will soon be commenced at the Norfolk Navy-yard. It will be two weeks yet, however, before either the *Newark* or *Concord* will be ready to go to sea. There is delay in their gun carriages. They are also short of their complements, but these will be made up when they fall in with the squadron of evolution.

The Marine Corps Clothing Board, Capt. Pope president, returned to Washington this week from a visit of inspection to various military clothing establishments in New York city, and are now engaged making up the final report. A preliminary report embodying the principal new features recommended has already been submitted to the Secretary of the Navy for his early approval in order that the Quartermaster of the Corps may include the new articles in his schedule of clothing and supplies shortly to be advertised for.

It must be extremely gratifying to the members of the Naval Institute to note its flourishing condition as detailed in the appendix to the volume for 1890, recently issued. Starting from a feeble Naval Academy organization, it has in 17 years grown to its present proportions of 830 members, with a circulation of its publication of some 1,300 copies. Number 60 of the *Proceedings* is devoted to one of the most valuable articles ever published by the institute, in the illustrated official report of the board appointed to witness the armor tests at Annapolis in September last, prefaced by an extremely lucid and interesting introduction by Mr. Edward W. Very, well known as a former lieutenant in the Navy, now in the employ of the Hotchkiss Company, and an acknowledged expert in ordnance matters.

NAVY GAZETTE.

Ordered.

APRIL 8.—P. A. Engineer A. B. Willits, to duty as assistant to the Inspector of Machinery building for Cruiser No. 12.

Detached.

APRIL 8.—Boatman John C. Thompson, for special duty at New York and placed on waiting orders.

Carpenter Milton F. Roberts, from special duty at New York and ordered to duty at the Navy-yard, Boston.

APRIL 8.—Fidelio S. Carter, from the nautical school ship *St. Marys* and granted three months' sick leave.

Lieutenant Thomas M. Brumby, from the receiving ship *Vermont* and ordered to the nautical school ship *St. Marys*.

Chaplain Frank B. Rose, from the training ship *Richmond* and ordered to the *Monongahela*.

APRIL 8.—Gunner Moses K. Henderson, from the receiving ship *Wabash* and granted six months' sick leave.

Carpenter Wm. D. Toy, from the Navy-yard, New York, and ordered to duty in connection with the building of the practice vessel at Elizabethport, N. J.

APRIL 8.—Lieutenant John A. Norris, from special duty April 20 and ordered to the Marion April 27.

Lieutenant John A. Rodgers has reported his arrival home, having been detached from the Pensacola Feb. 25 last.

Ensign Wm. M. Crose, from the San Francisco, ordered to temporary duty on board the receiving ship *Independence*, and then to the Marion April 27.

Ensign Armistead Rust, from Bureau of Ordnance and ordered to duty at the Naval Ordnance Proving Ground, Indian Head, Md.

APRIL 8.—Naval Constructor Frank L. Fernald from temporary duty at the Navy-yard, Mare Island, and ordered to duty at the Navy-yard, New York.

Naval Constructor Wm. L. Mintonye, from the Navy-yard, New York, upon the reporting of his reliefs and ordered to duty at the Navy-yard, Boston.

Naval Constructor Joseph Feaster, from duty at the Navy-yard, Mare Island, and placed on waiting orders.

APRIL 8.—Lieutenant Commander A. J. Iverson, from command of the *Fortune* and ordered to command the *Fern*.

Ensign Walter J. Sears, from the *Vesuvius* and ordered to the *Fern*.

Revoked.

The orders of Ensign F. W. Jenkins to the Marion and placed on waiting orders.

REVENUE MARINE.

Beginning with July next, the full Navy ration of thirty cents a day will be issued to all enlisted men in the Revenue Marine Service. Orders to this effect have been just sent by the Secretary of the Treasury to all commanding officers of Revenue cutters.

The President has signed the commission of Cadet James H. Scott as 8d Lieutenant, but it will not be issued to him until next week. The appointment has been delayed in consequence of the reprimand Cadet Scott received for the part he took in a fight at a dance house near Eastport, Me., some time ago.

The Bear was at Seattle, April 5, en route to Sitka, Alaska.

The Dix has arrived at New Orleans where she will be put out of commission. Her officers will be detached and most of them will be assigned to the Galveston now at Baltimore. The latter vessel will soon make her maiden trip for service at Galveston.

The following officers have been ordered to appear at the Treasury Department, April 21, for examination for promotion: 3d Lieuts. John E. Reinburg, James M. Moore, J. B. Hull, S. M. Landry and R. O. Crisp. Five other officers—3d Lieuts. A. J. Henderson, W. V. E. Jacobs, P. H. Utterroth and E. P. Berthold—will probably be examined by a board on the Pacific Coast.

Seven applications have been received from graduates of the Naval Academy, now in civil life, for appointments as 3d lieutenants in the Revenue Marine Service. They will be notified to appear for examination some time next month.

April 8.—3d Lieut. F. H. Newcom, detached from the Dallas, and granted 30 days leave.

1st Asst. Engr. Willet E. Pedrick, from the steam launch Search, and granted leave from April 10.

3d Lieut. A. J. Harrison, detached from the Crawford and ordered to the Search at Baltimore.

NAVAL ACADEMY.

ANNAPOLIS, MD., April 7, 1891.

The last of the officers' hops, given last Saturday evening, proved to be one of the pleasantest as well as largest of the series. The hop was characterized by the number of pretty girls and fine supper, a very agreeable combination to the majority of officers and cadets. Nearly every one in the yard attended.

Among the visitors attending were: Miss Lieber, Miss Mitchell, Miss Knowles, Miss Kelton, Miss Gilman, Miss Hite, Miss Balch, Miss Offley, Miss Huyett, Miss Casey, Mrs. Weston, Mrs. Layton, Mr. Hawley, of Washington; Miss Dugan, the Misses Hurst, Miss Noble, Dr. and Mrs. Worthington, Miss Stewart, Miss Sharp, Miss Jordan, of Baltimore; Miss Trowbridge, of Detroit, Mich.; Miss Mayo, Richmond, Va.; Miss Perkins, New Haven, Conn., and Comdr. Jewell, U. S. N., of Newport.

Lieut. D. V. Stuart, lately attached to the Academy and placed in charge of the grounds, is very ill with pneumonia. The quarters of several officers have been placed in quarantine on account of the prevalence of the malady. The Wyoming made her first trip out in the bay this season on seamanship drill last Saturday. She is kept alongside the Santee's wharf this year, instead of being moored in the stream. The divisional drill begin this week.

On account of the reduction of Cadet Irwin, who was senior captain, all of the companies in the battalion have been shifted and placed according to the seniority of their captains.

(Correspondence of the Army and Navy Journal.)

GOVERNOR'S ISLAND, N. Y. H.

THE "grip," that extremely fashionable disease, has been here and is not quite over the visit. Among the sufferers have been Mrs. Howard, Mrs. Tompkins, Col. Hughes and others, but the fine weather this week has been beneficial. Life here is beginning to be pleasant and the Island is taking on slowly its handsome and trim appearance during the growing season. Gen. Small and Miss Curtis, lately visiting in England, are expected to visit old friends here before going to St. Paul. The genial colonel will be warmly welcomed back, if even for a short time. Capt. Darling paid a visit this week to Old Point Comfort where, we believe, he was stationed some years ago. Col. Chas. Page has not yet got settled so far as his home is concerned, but he has taken active charge of the medical director's bureau. Many projects are being formed for the summer, by bath ladies and gentlemen, lawn tennis, base ball of course, foot ball surely, boating excursions, etc. The simple croquet is a thing of the past and is seldom indulged in now. The Military Service institution is flourishing under the energetic action of the two immediate managers, Maj. Haskin and Lieut. Bush. We were all glad to note the neat compliment of "Sains On Bright Star" to our little Governor's Island paper, the *Star*, in your last issue.

The Board of Inspection, Commodore Green president, has been ordered to inspect the *Dolphin*, which has arrived at Norfolk to be fitted for service as a despatch vessel. Her officers will be detached and her crew transferred to other vessels as soon as the Board has made its report.

SENATOR CAMERON, chairman of the Senate Naval Committee, informs us that a meeting of the committee will be called in July to commence the consideration of questions relating to the personnel of the Navy.

SECRETARY TRACY has decided to readvertise for proposals for the construction of Torpedo boat No. 2. New plans are now being prepared by the Bureau of Construction and Repair and Steam engineering for a vessel of about 125 tons displacement.

BLACK, STARR & FROST.

SUCCESSIONS TO

BALL, BLACK & CO.

Fifth Avenue, Cor. 28th Street.

DIAMONDS, AMERICAN AND FOREIGN,
WATCHES, JEWELRY, STERLING SILVER
AND PLATED WARE, CLOCKS, BRONZES
AND FANCY GOODS. Will give SPECIAL
ATTENTION to ALL ORDERS BY MAIL; also
FOR GOODS OUTSIDE OF OUR LINE.

BLACK, STARR & FROST have models of the
West Point Class Rings for many years, and can
supply duplicates (in case of loss) at short notice.

**Fine Wines, Havana Cigars,
Fancy Groceries.**

ACKER MERRALL & CONDIT
10TH STREET & 6TH AVE.; BROADWAY & 42D STREET.
130 Chambers St., New York.

Orders by Mail will receive prompt attention.

H. B. KIRK & CO.

CAN SUPPLY

For the Sick-Room,

For Grand Dinners

For Family Use

RELIABLE WINES AND LIQUORS

THAT ARE WELL MATURED. ALSO MEDIUM AGES.
Sole Agents for the PLEASANT VALLEY WINE CO.
Sole Agents for the INGLENOOK WINES, NAPA, CAL.
Bottled only at the Vineyard. Well matured wines.
No other House can furnish "OLD CROW RYE."
We sell no imitation or compounded goods.

60 FULTON STREET. 9 WARREN STREET,
BROADWAY AND 27TH ST. ESTABLISHED 1852.

MT. DE CHANTAL,

Near Wheeling, W. Va.

(UNDER THE CARE OF THE SISTERS OF THE VISITATION
B. V. M.)**FULL ENGLISH, MATHEMATICAL AND
CLASSICAL COURSE**

Musical Department especially noted.

LOCATION UNSURPASSED FOR BEAUTY AND HEALTH.
For Catalogue and references to Officers of the Army and
patrons in all the principal cities. address

THE DIRECTRESS.

KEEP'S SHIRTS

MADE TO MEASURE, 6 FOR \$9.00.

No better at any price. These shirts have won their way
into nearly every town and city of the Union by their su-
perior fit, style, workmanship and durability. We have
everything pertaining to MEN'S FURNISHING GOODS,
and the largest establishment of this kind in New York.
Send for catalogue. Established 25 years.

KEEP MANUFACTURING CO.509 and 511 BROADWAY, New York.
Branch Store: 114 TREMONT ST., Boston.**SLOAN'S SHIRTS**

ARE WITHOUT A DOUBT THE BEST SHIRTS MADE
for the price, as THOUSANDS OF TESTIMONIALS from
ARMY AND NAVY Officers will prove them to have worn
and given better satisfaction than any other shirt they had
ever purchased. Catalogue and samples mailed free.

SLOAN MANUFACTURING CO.
77 BROADWAY, N. Y.**CALIFORNIA VINTAGE CO.**
21 PARK PLACE-N.Y.

GEO. HAMLIN, Pres't. F. P. MILLS, Treas.
CHOICEST OLD CLARETS, WHITE WINES, GRAPE
BRANDY, PORT, SHERRY, MUSCATEL, &c.
Send for Price-List.

DRY STEAM

Always obtained from our improved vertical boiler.
"Perfect circulation and dry steam."—Prof. R. H.
Thurston. "Would not do without your improvement
in a boat boiler."—Herman Westinghouse.

B. W. PAYNE & SONS, Elmira, N. Y.

(Est. 1852.) F. W. DEVOE & CO., 101 FULTON ST., NEW YORK.

ARTISTS' MATERIALS

OF EVERY DESCRIPTION.
Illustrated Catalogues on request. Correspondence invited.
COFFIN DEVOE & CO. 176 Randolph St.
CHICAGO.

C. A. CAPPA'S
5th Regiment Military Band of Sixty Pieces
and Orchestra
Furnish Music for all occasions.
25 UNION SQUARE, New York City.

**EQUITABLE
MORTGAGE COMPANY.**

Condensed Statement, June 30, 1890:
CAPITAL SUBSCRIBED.....\$2,000,000.00
PAID IN (CASH).....1,000,000.00
SURPLUS AND UNDIVIDED PROFITS.....\$16,316.85
ASSETS.....\$1,168,686.04

The well-known firm of accountants, Barrow, Wade, Guthrie & Co., of London, Manchester and New York, upon auditing the accounts of the Company as published June 30th, 1890, appended thereto the following certificate:

Having examined the books of the Equitable Mortgage Company, we hereby certify that the foregoing accounts and statement are in conformity therewith, and we believe that the accounts fully and fairly represent the position of the Company as on the 30th June, 1890.

BARROW, WADE, GUTHRIE & CO.
NEW YORK, 16th Oct., 1890.

6 PER CENT. BONDS AND DEBENTURES.
4% AND 5 PER CENT. CERTIFICATES, RUNNING
THREE MONTHS TO TWO YEARS.
ALL FIRST-CLASS INVESTMENT SECURITIES
BOUGHT AND SOLD.

Offices:
New York, 208 Broadway. London, England.
Phila., 4th and Chestnut St. Berlin, Germany.
Boston, 117 Devonshire St. Kansas City, Missouri.

WANTED—
THE FOLLOWING MUSICIANS FOR THE 22D INF'TY
Band: one B flat Cornet, one Alto, one Trombone, one
Baritone. Address
ADJUTANT, 22d Infantry, Fort Keogh, Mont.

WANTED—
ONE PRINCIPAL MUSICIAN—SOLO CORNET—for
Sixth Infantry Band, Newport, Kentucky; also a Clar-
inet, a Coro, and a Flute Player. Address
ADJUTANT SIXTH INFANTRY, Fort Thomas, Newport, Ky.

AUGUSTA ARSENAL, AUGUSTA, GA.
VACANCIES.—Several vacancies have been reserved at
this arsenal for discharged soldiers. Those having ex-
cellent records and whose time is out, or nearly so, can
address 1ST SERGT. A. HILLEGEIST.

H. & H. W. CATHERWOOD, PHILA. WHISKEYS.
Have a world wide reputation for purity.

ARMY AND NAVY JOURNAL.

PUBLISHED EVERY SATURDAY.

(ESTABLISHED 1863.)

NEW YORK, SATURDAY, APRIL 11, 1891.

Office No. 240 Broadway, New York.

No attention is paid to anonymous communications, but
the wishes of contributors as to the use of their names will
be scrupulously regarded.

Subscriptions, \$6 a year, and pro rata for a less period. In
clubs of five, \$4; clubs of ten or more, \$3. Club rates are
strictly in advance and the full subscription price is charged
where we are put to the expense of collecting.

Domestic Postage prepaid. Foreign postage, \$1.00 per
annum, should be added to the subscription price.

Rentances should be made by express money order,
post-office order, check, or draft, made payable to W. C.
and F. P. Church. Postmasters are obliged to register
letters if requested. No responsibility is assumed for sub-
scriptions paid to agents, and it is best to remit direct.

The date when the subscription expires is on the Address.
Label of each paper, the change of which to a subsequent
date becomes a receipt for remittance. No other receipt is
sent unless requested.

Change of address will be made as frequently as desired,
upon notification; not otherwise. Both the old and
new address should be given.

Immediate notice should be given of any delay or failure
in the receipt of the JOURNAL.

W. C. and F. P. CHURCH, Proprietors,

240 Broadway, New York.

THE London correspondent of the New York
Times writes: "From the reports cabled across, one
judges that the Americans, for a while at least, took
Italy's talk about sending over a hostile fleet seriously.
British naval officers, with whom I have
talked, laughed at this. In the first place they say
that Italy's men-of-war, though highly thought of
ten years ago, are now much out of date. * * *
Their sailors exist almost wholly on paper. One
British Admiralty official, indeed, said to me:
'Your people are all the while talking about need-
ing a navy. Now's your chance. Just cheek Italy
into sending her fleet over the Atlantic, and when it
arrives collar it. It will be extremely easy work,
and cheap, too.'"

CAPTAIN JAMES FORNANCE, 18th U. S. Infantry, is
quoted by the St. Louis *Globe-Democrat* as saying:
"It is a peculiar fact that very few men, even ac-
complished shots, know how a revolver ought to be
handled. Nearly all are taught to aim a revolver as
if it were a rifle; that is, by bringing the object
aimed at and the fore and hind sights into line. This
is all well enough for shooting-gallery practice, but
should never be followed in the field. In training
troops to use the revolver they are taught, in aiming,
never to look at the weapon at all, but to keep
their eyes on the object to be struck. In quick fir-
ing, and especially in shooting from horseback,
much better results are obtainable in this way."

DECREASE IN DESERTIONS.

ARMY desertions are still on the decrease, accord-
ing to statistics compiled in the Adjutant General's
Office. Post returns for February showed the de-
sertions for the year ending Feb. 28 to have been a
little over 8 per cent. of the actual enlisted strength.
Those for the year ending March 31, just compiled,
reduces the percentage to a little less than 8 per
cent., thus showing that the decrease, begun a year
or more ago, is gradually and surely continuing.
There is no longer any question in the minds of the
officials of the War Department of the beneficial
effects of the recent acts in the interest of enlisted
men. They are especially well pleased with the
operations of that feature of the act "to prevent
desertion and for other purposes," which author-
izes discharges at the expiration of three years
service and three months' furlough.

Late returns show that less than thirty per cent.
of those entitled have applied for discharge pro-
vision. The cause for congratulation in this is
that the majority of enlisted men are satisfied with
their present life, and that there is not that de-
mand for three year enlistments that was so ur-
gently recommended at one time. The majority of
the three year men take advantage of the three
months' furlough, but they seem glad to come back
at the expiration thereof.

The number of discharges by purchase, however,
has been larger than considered desirable, and the
probabilities are that there may be a shutting down
on these before long. It is estimated that about
300 have bought out, and about 100 have gone out
under the 10 year veteran feature since the new
law and regulations were put into effect. It is pre-
sumed that applications for discharge under the
several conditions will be much larger during the
next month or two, as this is the season when
many soldiers look for other fields of labor.

Excellent results have ensued from Lieut. Colone
Greenleaf's method of detecting the so-called re-
peaters. A dozen or more soldiers who had de-
serted one, two, three or more times, have recently
been arrested and convicted through the medium of
the new descriptive lists. This system has been so
well perfected now and is being so well followed
out by those in charge, that it is almost impossible
for a deserter to re-enlist without being detected.

IF the 30 vacancies now existing on the limited
retired list are filled within the next month or two,
as it is presumed they will be, at least 40 vacancies
in the grade of 2d lieutenant, over and above the
number required for the graduating class, are as-
sured. Including the promotions to be made as
soon as some of the examining boards have been
heard from, there are at this writing 71 vacancies
in the line of the Army—54 in the infantry and 17
in the cavalry. The 30 vacancies in the limited list,
two more to follow in a few days by transfer to the
unlimited list of officers who have reached 64 years
of age and by the retirement of General Gibbon and
Colonel Dodge, will swell the number of vacancies
to 105, just 40 in excess of this year's graduating
class. How many of these vacancies will be filled
from civil life depend upon the number of success-
ful candidates from the ranks. It is pretty safe to
assume, however, that there will be at least 25
civilian appointments. The method of making this
class of appointments will be determined by the Sec-
retary of War in a few weeks. We have previously
intimated that the Secretary desired to confine the
selections, as far as possible, to members of the
National Guard and graduates of State military
colleges having Army officers as instructors.

THE command of the Division of the Pacific falls
to the lot of Brigadier-General Ruger—a most capa-
ble and accomplished officer—upon the retirement
of General Gibbon April 20, according to orders
issued this week. The idea of abolishing the three
divisions has been abandoned. It is also doubtful
whether the Department of Columbia will be merged
into the Division of the Pacific and the headquarter
at Vancouver Barracks abandoned, as at one
time contemplated. That is a matter that will be
determined by the Secretary of War upon his re-
turn. The pressure from the citizens of Washington
to have the headquarters retained is very strong
and will be hard for the Secretary to resist. By th-

transfer of General Ruger to the Pacific, the Department of Dakota is left vacant for the new brigadier-general.

SECRETARY TRACY has selected Commodore Greer to command the New York Navy-yard upon the retirement of Rear Admiral Braine, but as the commodore is quite reluctant to leave Washington it is not improbable that some other choice will be made. It is rumored that Commodore Greer will shortly succeed Rear Admiral Harmony as president of the Lighthouse Board. The latter, it is hinted, will shortly apply for retirement. The gossips some time ago had booked Acting Rear Admiral Walker for this position, but this is now regarded as out of the question, inasmuch as the Navy would lose control of the chairmanship by reason of that officer being junior to General Casey. Besides, it is said, Acting Rear Admiral Walker is well satisfied to continue his present command until he has completed his term of sea service.

THE canteen system has now had a fair trial throughout the Army and has come to stay. There are some minor matters of administration and maintenance yet to be adjusted, but these will receive attention as opportunity offers. The benefits gained are well summed up by one post commander, who says: "The canteen promotes temperance, causes contentment and good order and reduces the number of absences without leave and trials by Courts-martial." These are consummations devoutly to be wished for in every garrison.

PHYSICAL TRAINING IN THE ARMY.

THE War Department is proposing to make good use of the gymnastic plant with which the Army is now provided. The Adjutant-General, who has been known as one of the best all-round athletes in the Service, is ably seconding the efforts of Drs. Greenleaf and Woodhull to establish some comprehensive system of physical training for the Army. As Yale College has the best system of gymnastics in the country, Lieut. Totten, now on duty there, has received a copy of the old regulations on this subject prepared by General Kelton some years ago, and is called upon for suggestions. It is hoped to have the amended rules issued as regulations. It is proposed to assign to the Military Academy a medical officer who is a master of physiology, hygiene and able to give instruction in the principles of physical training. Lieutenant-Colonel Greenleaf delivered an interesting lecture on physical training in the Army before the American Association for advancement of physical education in Boston April 4, when he made a number of valuable suggestions in the line above referred to. This lecture will shortly be printed and issued to the Army. In this paper Col. Greenleaf speaks of the importance of establishing a uniform system of physical training, and suggests the appointment of an instructor in physiology, hygiene and physical training at the Military Academy. He also considers that anthropometrical data from the Army would be of great value to scientific men, as from no other source would it be possible to obtain the record of a complete life in this particular. Beginning with the cadet upon his entrance into the Military Academy between the ages of 17 and 21, and ending with the retirement of the officer at 64, or with that of the enlisted man after 30 years service, an authentic physical history of 30,000 men and over 2,000 officers would furnish material for study the value of which cannot be overestimated, particularly as are representative of a mixed race that has sprung from the intermarriage of people from every part of the globe. At the conclusion of the reading of Lieutenant-Colonel Greenleaf's paper, a resolution was adopted by the association, directing the appointment of a committee to confer with the proper authorities and urge upon them the desirability and necessity for congressional action in authorizing the establishment of a professorship in physical training, etc., at the Military Academy.

A CORRESPONDENT says: "Your article in April 4 rather implies that the artillery alone are slow in promotion, but gray-haired lieutenants are found in the infantry also, and it may have escaped your observation that of the thirty majors of cavalry about twenty-two were, when promoted to be majors of cavalry, junior in rank and service to very many captains of infantry. Most of the latter are yet captains of infantry, and of those then promoted junior captains of cavalry some have been majors for several years. Junior captains of the cavalry ten years ago, have been majors for many years. Seventeen of the present majors of cavalry were yet lieutenants when the writer was (and is

yet) a captain. In the artillery four of the majors, his Juniors as captains, have already jumped him, and still they come on. So the infantry haven't all the plums, and if the cavalry or artillery lieutenants lose a little in becoming captains they pass way beyond the infantry in promotion to field officers. I think it was stated in the JOURNAL sometime since that the average service in the artillery was 18 years, to 17 and 16 in the infantry and cavalry. No alarming disparity in that if correct." The inference drawn by our correspondent does not necessarily follow from what we said. We were presenting the case of the artillery and undoubtedly an equally strong argument for promotion in the other arms of the Service could be given.

IT would seem to be time for the European nations to cry quits in the attempt to keep pace with each other in the race for supremacy upon the ocean and to declare it to be neutral territory, which no nation can violate without uniting the world against her. The *Army and Navy Gazette* shows that the increase made in the British Navy by doubling the modern ships has been met by a similar increase abroad, and when all of her new ships are completed England will be in precisely the same position relatively as in 1889. To the 68 battle ships of that date the Naval Defence act will by 1894 add 70, making a total of 138. Seven foreign States are meanwhile adding 100 to their total of 107 in 1889, making in all 354 built or building. The list is as follows:

	Battle ships.		Cruisers.		Torpedo boats.		Totals.	
	1-C.	2-C.	1-C.	2-C.	3-C.	Gun.	Bdg.	
England—								
1889	12	2	11	10	21	12	68	70
Building, 1891.	8	2	9	29	4	18		
France—								
1889	10	1	1	7	5	4	24	19
Building, 1891.	2	4	4	3	2			
Germany—								
1889	2	..	3	3	5	3	11	21
Building, 1891.	4	..	4	5	5	3		
Italy—								
1889	6	..	5	9	..	4	24	24
Building, 1891.	3	..	1	6	7	8		
Russia—								
1889	3	..	6	2	..	3	14	12
Building, 1891.	2	1	4	..	..	5		
Austria—								
1889	2	..	..	..	3	5		
Building, 1891.	3	..	..	..	..	2	10	5
Spain—								
1889	1	..	4	8	..	4	18	12
Building, 1891.	..	..	6	2	..	..
United States—								
1889	2	..	7	2	2	1	11	18
Building, 1891.	3	2	3	5	2	72	175	179
Totals....	62	12	68	81	50	72	175	179

REAR ADMIRAL DANIEL AMMEN, U. S. N., in a letter to the *New York Herald* of April 6, calls attention to the need of lighthouses on the Roncadores and other neighboring reefs. This is a violation of international obligations on the part of the Admiral. He should know that lighthouses will interfere with one of the most profitable industries in the Bahamas—that of wrecking. When a Governor General of that interesting British colony asked his constituents what request he should prefer for them to the home government, they answered: "tell them to abolish the lighthouses, they destroy our business."

A WAIL comes from the West as to the color of the stripes furnished the enlisted men of the Hospital Corps of the Army, as to the quality of the stripes supplied to the non-commissioned officers of the infantry arm, and as to the general dissatisfaction with the frowsers, made or unmade, they being full of grease, dust sticks to them, and a few weeks' wear plays them out. "The old light gray or light blue," laments our correspondent, "never should have been abolished. Give it again," says he, "and all will be well."

THURSDAY of this week, April 9, was the 26th anniversary of the surrender of the Army of Northern Virginia, under General Lee. Closely following it (April 27) comes the anniversary of the birth of the central figure of that memorable occasion, General U. S. Grant, on which day ground will be broken at Riverside Park, New York City, for the memorial tomb in honor of the distinguished dead.

THE U. S. Recruiting Office in Savannah has been discontinued. The *Savannah News* in referring to the matter says: "It has been proven that this city is a poor locality to furnish soldier boys to Uncle Sam. The Government has only ten recruits to show to its credit. Of these eight are negroes and two white. There were 80 applicants, however, but of these 70 failed to pass the rigid examination."

THE insertion of the names of enlisted men, who have received medals of honor and certificates of merit for gallantry, in the Army Register, is being done upon the recommendation of Inspector-General Breckinridge, who, in his annual report for 1890, gives the names of all those who had been so found up to October last. About 30 have been added since that date.

The suggestion made by Gen. Greely that section 2 of the act to reorganize the Signal Corps contemplates the transfer of the Office of Intelligence from the Adjutant General's Office to the Signal Corps, is not accepted by all the officers of the War Department as conclusive, and the chances are that there will be some vigorous opposition to the change.

GENERAL GIBBON expresses, officially, the opinion that "it may require much time and persistent effort to incorporate into the Army a considerable body of Indian scouts." It most undoubtedly will, but Rome was not built in a day, and the project referred to will, we are sanguine, prove a success in due course of time.

IN the case of a deserter from the British Army recently arrested in London, it was ascertained that he had entered the service for the sole purpose of furthering the Socialist propaganda. In a bag which he wore next his heart he carried a portrait of Mrs. Parsons, of Chicago, and a card engraved with emblems of "the universal solidarity of labor."

THE Army Medical Examining Board, Colonel Voluum, Chief Medical Purveyor, U. S. A., presiding, sitting at the Army Building, New York City, commenced the examination of candidates for commissions in the Medical Corps this week.

BALTIMORE is to give a hearty welcome to the old 6th Massachusetts Regiment on their visit to Baltimore on April 19, the 30th anniversary of that memorable day when they were attacked by a mob in passing through that city.

THE silver anniversary of the organization of the G. A. R. held on Monday of this week, April 6, occasioned an outburst of patriotism in all sections of the country where veterans do congregate.

THE commanding officer of Augusta Arsenal, Ga., has reserved several vacancies at that pleasant station for soldiers of good record. Address 1st Sergeant A. Hillegeist.

(Correspondence of the Army and Navy Journal.)

WEST POINT, N. Y.

APRIL 7, 1891.

On April 1 the daily programme of drills was changed. Light battery, siege battery, foot battery drills and pontoon bridge building occupy the afternoons during the present month. Parade follows at about 5.45.

On Thursday evening an informal dance was given in Schenck Hall by Lieuts. Noyes and Beilinger. Among the guests present were: Prof. and Miss Andrews, Prof. and Mrs. Clous, Miss Miller, Miss Knox, Miss Michie, Prof. Bass, Lieut. and Mrs. Newcomb, Miss Alexander, Lieut. and Mrs. Ederton, Miss Edgerton, Lieut. and Mr. Brown, Miss Campbell, Lieut. Kieran, Lieut. and Mrs. Forayth, Lieuts. Macomb, Biddle, Tate, Sturgis, Mott, Brown and Lucas.

On the same evening an entertainment was given at the post school for soldiers' children. The programme consisted of recitations, vocal and instrumental music, etc. Lieut. Biddle leaves many warm friends among the children at the school, in whose welfare he has always manifested deep, personal interest, and by whom his departure is sincerely regretted. Lieut. McKinstry arrived on Saturday.

Lieut. Biddle left for his new station, Nashville, on Monday. A cadet reception was given by Lieut. Biddle on Saturday afternoon from 2 until 5, for his cousin, Miss Marion Biddle. Mr. and Mrs. J. Biddle, Porter and Miss Biddle have been guests at the hotel. Among those present at the reception on Saturday afternoon, which was given at the quarters of Capt. Derby, were: Miss Michie, Miss Arden, Miss Edgerton, Miss Hunter, Miss Alexander, Miss Foster, Misses Biddle and Cox. Mrs. Michie and Mrs. Cameron acted as hostesses on this occasion.

Among the large number of young ladies present at the Easter hop on Saturday evening were Misses Miller, Knox, King, Griffith, Pratt, Edgerton, L. and M. Weir, A. and E. Biddle, Cox, Wallen, Alexander, Foster, Hunter, Whitman, Sampson, Clarke, J. Buttilier, Bassett, Crane, Davies, Baldwin, Eddy, Baird, Hawes, Bushnell, Johnson, Evans, McCurdy, Leffler, Pierce, Biddle, Goodrich, Cronin, Gilchrist, S. Hunter, Campbell, J. Ward, Hoskins, Michie, Arden, Urquhart, Small, Duckworth and many others. Dancing began at 8 P. M., and lasted until 11.30.

The lecture by Miss Roberts on Monday afternoon was devoted to the life and novels of Tolstoi. The relations and political writings of the late author will form the subject of the next lecture, which will be the last of the series.

Lieut. Garlington is at the post undergoing treatment for wounds received during the recent Indian campaign.

Lieut. Carson has been suffering from a severe attack of the grip, but is much better at present. Lieut. Brooks has been fulfilling the duties of Adjutant.

Cadets McIndoe, Cosby, Glasgow, Grubb, Bradley, Whitman and Osborne contemplate a trip to Europe during graduation furlough. Capt. Derby returned to the post last week, after a sojourn of several months abroad. Mrs. Derby and her sister, Miss McGinnies, are expected in May. The members of the 1st Class, who are privates, act in turn as Adjutant at dress parade each evening. The long list of recent visitors includes: Hon. Horatio Guzman, Lieut. C. S. Bromwell, Lieut. E. A. Garlington, 1st Cav.; Miss Hunter; Miss Edgerton, a guest of her brother, Lieut. G. W. Edgerton; Miss Miller, daughter of Attorney General Miller, and Miss Knox, guest of Prof. and Mrs. Clous; Miss Foster, a guest of Mrs. Newcomb; Miss King, who has been visiting Miss Pratt; Miss Spurges; Miss Small, who has been visiting Miss Pratt; Miss Adon, a guest of Miss Michie; the Misses Weir, guests of Mrs. Kieran; Mr. and Mrs. Biddle, Porter and Miss Marion Biddle, who have been staying at the hotel.

Snow fell on Thursday afternoon, giving a very wintry aspect to the plain, which had been looking very green and spring like. The weather is dull and threatening, and very cold for the season.

CADET appointments to West Point have been issued during the past week to the following named persons: John A. Lucey, Oshkosh, 6th dist. Wisconsin; Ola W. Bell, Paw Paw, 4th dist. Michigan; Shubby Lawton (alt.), Lawton, 4th dist. Michigan; Henry J. Goodale, Danvers, 7th dist. Massachusetts.

THE RESIGNATION OF SENATOR EDMUNDS OF VERMONT.—The resignation of Senator Edmunds of Vermont gives additional significance to the statement concerning the intentions of Secretary Proctor as to continuance in his present office. Circumstances alter cases, and the Secretary may find reason to reconsider his determination, but thus far there has been no denial on authority of the statement that he proposes an early return to Vermont. The appointment of Senator Edmunds' successor is at the disposal of the Governor of Vermont, and it is well known that the name of Redfield Proctor is most prominent among those mentioned for the succession. The statement appearing in the JOURNAL was made upon the best authority short of the declaration of the chief party in interest. We should regret to see a change in the office of Secretary of War, for many reasons, but Mr. Proctor would make a conscientious and conservative Senator.

COLONEL CLOSSON.—Colonel Closson has completed his review of the new artillery tactics, and his report thereon is now in the hands of the Commanding General. It is expected that General Ruger will submit his report on the infantry tactics before his departure for the Pacific Coast. It is understood that no material changes were recommended by General Merritt in the cavalry tactics, but the suggestions of Colonel Closson concerning the artillery tactics were numerous. It is possible that the West Point Tactical Board may be called upon to consider some of the points in dispute.

It being understood that President Harrison will select the new brigadier-general, vice Gibbon, before his departure for the Pacific Coast next week, the contest for the position is now waxing warm. The records of eight or ten candidates have been called for by the President. Among these are Colonels Kautz, Shafter, Carr, Swaine, Otis (20th Inf.) and Forsyth. It is generally believed that the selection will be made from the officers named. It is hinted that the President's mind is already made up in favor of his friend, Colonel Swaine, but the friends of the others are still hopeful.

SECRETARY TRACY.—In an interesting speech delivered at a dinner of the Republican Club, of Boston, Mass., in Boston, April 8, outlined his plan, as foreshadowed in the JOURNAL last week, for correcting the political abuses in, and increasing the efficiency of the working forces in, the several navy-yards. The Secretary has contemplated a move of this kind for some months. He is much pleased with the high order of work being performed at the Washington Ordnance Foundry where, through the firm stand taken by Commodore Folger, politics no longer control. He expressed a wish some months ago that he had a Folger for each of the several yards, in order that he might apply the same rules to the others. In his speech the Secretary outlines his policy for navy-yard management. Secretary Tracy said: "I propose in carrying out this new system so to regulate it that three ends shall be secured: First, free and open competition; second, employment upon grounds of merit—to be determined by non-partisan experts engaged in and responsible for the work, and, third, absolute publicity of every detail. And having begun in the way indicated, I do not propose to stop until the principle of efficiency and worth is the only test of navy-yard employment."

A SAN FRANCISCO despatch of April 5 says: "Secretary of War Proctor states that he will start for Washington Monday night, as he has been summoned by telegraph to return. He said that his sudden departure had nothing to do with the Italian matter, and he refused to discuss that question."

The Secretary returns to confer with President Harrison before his departure, various Army matters requiring immediate attention.

The admirable series of sketches of war scenes by Edwin Forbes, special artist with the armies in the field during our civil war, are too well known to the Army to require commendation. They have now been reproduced by Messrs. Ford, Howard and Hubert, New York, in four folio paper-bound volumes with descriptive letter press which still further increases their value. The series is to be completed in 20 such volumes, each of 16 pages, including four full page illustrations, and sold at the moderate price of 50 cents, or \$10 for the 20. Four sections can be had bound in flexible cloth for \$3. They show the very form and fashion of the time, and are an invaluable memorial of a great contest which has stamped its record deeply into our national life. Mr. Forbes' sketches scarcely need the approval of distinguished soldiers, with whom his publishers accompany them, to command them to public favor.

LATE ARMY ORDERS.

1st Lieut. Ira A. Haynes, recently promoted, is assigned to Bat. G, 4th Art., vice Totten, resigned. 2d Lieut. George Montgomery, to 3d Artillery, vice Haynes, promoted (S. O., April 10, H. Q. A.)

2d Lieut. F. R. Day, 22d Inf., is ordered to inspect Signal Service stations in Dakota, Montana and Wyoming (S. O., April 10, H. Q. A.)

Sick leave for six months is granted 2d Lieut. H. L. Hawthorne, 2d Art. (S. O., April 10, H. Q. A.)

THE GALENA INQUIRY.

The Court of Inquiry to fix the responsibility for the stranding of the *Galena* met at the Brooklyn yard this week. T. M. Smith, master of the tug *Nina*, was represented by Lieut. Geo. R. Benson, U. S. M. C., as counsel.

The proceedings began with the report of Lieut. Comdr. Geo. A. Bicknell, in command of the *Galena*. Besides giving the details of his experience on the night of the accident, Capt. Bicknell says:

"I think this casualty occurred because the course ordered by me was not steered by the tug. All hands were gotten on deck; signals burned and tug whistle blown, and after several unsuccessful attempts our line was floated ashore just as a rocket line was fired across the ship by a native using apparatus furnished by the Massachusetts Humane Society. * * * The men were landed by a breeches buoy travelling on a line from the fore truss in an order designated by myself. This operation took from 3 A. M. till daybreak, Ensign Field and myself remaining till after half-past five, when I cut the line and we swam ashore. * * *

"Except the clothes they wore officers and men have practically lost all personal effects.

"The behavior of officers and crew under the trying circumstances was good. The coolness, energy and talent for leading displayed by Ensign H. A. Field are worthy of special praise."

Capt. Bicknell's oral testimony was to the same effect. After he had allowed for compass deviation in giving Smith his course, the latter allowed another point which threw the ship nearly six miles south of the straight line from the Block Island Light to the Vineyard Sound lightship, and landed the ship and tug on the very point they were trying to avoid. All the courses ordered were by the *Nina's* compass.

The *Galena* put to sea on that stormy night because Admiral Braine hastened her departure, and his order to "proceed to Portsmouth on board the *Galena*, and in tow of the *Nina*," compelled Capt. B. to remain on the *Galena*, though he was steering by the compass of the *Nina*.

When the weather became dense and foggy it was found impossible to anchor with water 16 to 19 fathoms deep, moderate sea and a fresh wind setting in from the south. He concluded that it would be safer to run thirteen miles for the six mile opening of Vineyard sound than nine miles for the half mile entrance of Newport harbor. The lead was kept going actively, and the last report from the chains before entering the breakers was "20 fathoms and no bottom."

INSPECTOR-GENERAL BRECKINRIDGE.—Who left Washington last week, on a Western inspection tour, was at Jefferson Barracks on April 8th. He left on the 9th for Ft. Reno, Ind. Ter.

The tug *Fortune* has arrived at New York where she will perform the work of the tug *Nina*. The *Fearn* has been commissioned and will soon take the place of the *Fortune*.

The statutory tests of the *Miantonomah* 10 inch guns will take place at the Indian Head Proving Grounds next week.

COMMODORE FOLGER.—Chief of the Bureau of Ordnance was in Philadelphia, April 9.

The following Army officers registered at the War Department this week: Captain D. F. Callinan, 1st Inf.; 1st Lieut. F. E. Hobbs, O. D.; 2d Lieut. A. G. Quay, 5th Cav.; 1st Lieut. Geo. A. Zinn, Engrs.; Capt. H. P. Birmingham, Med. Dep.; 1st Lieut. C. L. Corrill, 4th Art.; Lieut. Colonel D. Woodruff, retired.

The San Francisco Post of April 2 has the following: Cards are out for the Wednesday fortnightly hops at the Presidio. Mrs. Gen. Graham and her two accomplished daughters will do the honors.—There will be a dinner given next week by the Bohemian Club to the survivors of the Sioux campaign, viz., the officers of the First United States Infantry.—The following officers have married not only charming but very wealthy San Francisco girls: Captain Payson and Lieutenants Clover, Storey and Lyman. Lieutenant and Mrs. Clover are at the Palace, where they will remain some time to look after his real estate.—Lieutenant Starr and Mrs. Starr have returned from Santa Clara to Angel Island, where Mrs. Starr spent a month on account of her health. She returns much improved.—Captain Kennedy and Lieutenants Perry, Baily and Huse have completed their examination for promotion before the Board of which Colonel I. DeRussy is president.—Lieutenant and Mrs. Sage, of the Presidio, gave on Tuesday evening last a "cake walk" to a select few. The judges were Captain Crable, Mrs. Crable and Mrs. Holt. The "fust" prize was awarded Mrs. Colonel Mills, and Lieutenant Catley received honorable mention. Mrs. Mills assumed the costume of an Apache squaw in pursuit of a hot trall, going through all the antics incident to such character. It was exceedingly well done. Colonel Mills appeared as a cowboy, Lieutenant Blanke as McGinty, Lieutenant Catley as Poo-Bah.

SOME CAVALRY MAXIMS.

To be most effective, the final part of a charge should be executed at full speed. * * * A gradual increase of pace that arrives at full speed within a short distance of the enemy, enables the necessary cohesion to be preserved in the charge and prevents the horses from being blown at the end of it.—Clery.

The power of rapidly striking often give to the presence alone of cavalry a certain paralyzing effect on the action of the other arms immediately within its reach, so that its moral effect is usually in undue proportion to its physical power.—Clery.

A combination of mobility and velocity * gives the greatest tactical value to cavalry on the field of battle.—Brackenbury.

Cavalry can quickly be transferred from one point and applied to another; it is enabled to seize fleeting opportunities for effective action.—Jocelyn.

On the efficacy of the cavalry * must depend, in great degree, the efficacy of the artillery.—Hamley.

In the present day, to prevent the movements of artillery being retarded, it is indispensable to support it by cavalry.—Amber.

As a general rule, * * an Army in an open country should contain cavalry to the amount of one-sixth its whole strength; in mountainous countries one-tenth will suffice.—Joinville.

HOW TO IMPROVE THE FIELD MUSIC.

To the Editor of the Army and Navy Journal:

QUARTERMASTER GENERAL BATCHELDER has been giving attention lately to the field music of the Army, and is making a strenuous effort to secure bugles, fifes and drums, which shall not only be serviceable but melodious.—(Worral, March 21, 1891)

1860. There shall be furnished for the field music of the Army: For cavalry troops, the "F" trumpet with a detachable "C" crook; for infantry troops, the drum and fife or the "F" trumpet without crook; for all artillery troops, the bugle brass, three turns, according to pattern in the office of the Quartermaster-General. Trumpets and bugles to have cords and tassels conforming, in color, to the arm of the Service. The drums to be provided with slings and sticks.—(Extract G. O. 31, 1891)

Now, two questions arise:

1st. A certain number of prescribed quicksteps, etc., are written for two parts—why is the cavalry alone given the means of playing these two part calls? Without crooks, two part calls cannot be played.

2nd. When cavalry and mounted artillery, or infantry and foot artillery happen to do duty together, which musicians will sound off for stated roll calls, or on occasions of ceremony? One or the other arm must remain silent as the music (?) of trumpets and bugles combined could hardly be called melodious.

What the Army most needs in the way of "attention to the field music," is men who are well instructed as trumpeters when they join their companies—men who have been taught to blow their calls throughout, accurately. There are several hundred alleged trumpeters in the Army—what per cent. can sound all the calls of their respective arms as written (not blow at them, but sound them properly)—2 per cent? Doubtful.

Judging from their deficiencies it would seem that trumpeters are instructed by men who cannot themselves read music—the blind leading the blind. If this is not so then it is hard to account for the poor trumpeting heard, as a rule, throughout the Service.

WAGNER.

MILTON DID NOT WRITE THE BIBLE.

FORT RILEY, KANSAS, March 28.

To the Editor of the Army and Navy Journal:

I enjoy exceedingly your facetious and witty correspondent of Pine Ridge, but I am not always able to appreciate his Scripture quotations. For instance, in your issue of March 21 I find this: "The Bible says, 'Those serve who wait.' " I remember that Milton, on "His Blindness," says: "They also serve who only stand and wait;" but I am not quite well enough posted to find his quotation in my Bible. I wish he would tell me where to find it.

D. R. LOWELL, Post Chaplain, U.S.A.

We have such confidence in the Scriptural knowledge of an Army instructed by such chaplains as Dr. Lowell that it does not occur to us that their quotations need revision; though we remember, now that our attention is called to it, that the line quoted occurs in Milton's sonnet "On His Blindness." We have long since discovered that much of the current theology credited to the Bible is really traceable to Milton. Perhaps our reverend correspondent has heard of the Army man who bet another that he could not say the Lord's Prayer, and when he commenced and went through with "Now I lay me down to sleep," paid the money without a question. But that was before Dr. Lowell's time, and we supposed that he had changed all that.—EDITOR.

Grant's old regiment, the 4th Infantry, has found a historian in 1st Lieut. James A. Leyden, Adj't, who has compiled a Register of the commissioned officers from 1796 to the present time. It includes the names of two Presidents of the United States, Maj. Taylor and Lieut. and Capt. Grant, Sheridan, Crook, Augur, Lorenzo Thomas, Eaton, Macfeely, Alvord, McCall, Judah, Prince, Buchanan, D. A. Russell, L. C. Hunt, Hazen, Wallen and Kautz were among the subalterns. The staff corps are indebted to the regiment for 13 officers in the Adj't, Gen'l's Dept., 12 Q. M. Dept., 12 Subs. Dept., 5 Insp. Genls. and 4 Pay Dept. officers. Of the 54 officers named 32 were appointed from civil life, 33 from the Army and 180 from the Military Academy. In nearly 100 years it has had but 12 colonels, the last being that distinguished officer Wm. P. Carlin, Bvt. Maj. Gen., U. S. A. With the complete list of field and staff the regiment, the 4th Infantry, has found a historian in 1st Lieut. James A. Leyden, Adj't, who has compiled a Register of the commissioned officers from 1796 to the present time. It includes the names of two Presidents of the United States, Maj. Taylor and Lieut. and Capt. Grant, Sheridan, Crook, Augur, Lorenzo Thomas, Eaton, Macfeely, Alvord, McCall, Judah, Prince, Buchanan, D. A. Russell, L. C. Hunt, Hazen, Wallen and Kautz were among the subalterns. The staff corps are indebted to the regiment for 13 officers in the Adj't, Gen'l's Dept., 12 Q. M. Dept., 12 Subs. Dept., 5 Insp. Genls. and 4 Pay Dept. officers. Of the 54 officers named 32 were appointed from civil life, 33 from the Army and 180 from the Military Academy. In nearly 100 years it has had but 12 colonels, the last being that distinguished officer Wm. P. Carlin, Bvt. Maj. Gen., U. S. A. With the complete list of field and staff the regiment, the 4th Infantry, has found a historian in 1st Lieut. James A. Leyden, Adj't, who has compiled a Register of the commissioned officers from 1796 to the present time. It includes the names of two Presidents of the United States, Maj. Taylor and Lieut. and Capt. Grant, Sheridan, Crook, Augur, Lorenzo Thomas, Eaton, Macfeely, Alvord, McCall, Judah, Prince, Buchanan, D. A. Russell, L. C. Hunt, Hazen, Wallen and Kautz were among the subalterns. The staff corps are indebted to the regiment for 13 officers in the Adj't, Gen'l's Dept., 12 Q. M. Dept., 12 Subs. Dept., 5 Insp. Genls. and 4 Pay Dept. officers. Of the 54 officers named 32 were appointed from civil life, 33 from the Army and 180 from the Military Academy. In nearly 100 years it has had but 12 colonels, the last being that distinguished officer Wm. P. Carlin, Bvt. Maj. Gen., U. S. A. With the complete list of field and staff the regiment, the 4th Infantry, has found a historian in 1st Lieut. James A. Leyden, Adj't, who has compiled a Register of the commissioned officers from 1796 to the present time. It includes the names of two Presidents of the United States, Maj. Taylor and Lieut. and Capt. Grant, Sheridan, Crook, Augur, Lorenzo Thomas, Eaton, Macfeely, Alvord, McCall, Judah, Prince, Buchanan, D. A. Russell, L. C. Hunt, Hazen, Wallen and Kautz were among the subalterns. The staff corps are indebted to the regiment for 13 officers in the Adj't, Gen'l's Dept., 12 Q. M. Dept., 12 Subs. Dept., 5 Insp. Genls. and 4 Pay Dept. officers. Of the 54 officers named 32 were appointed from civil life, 33 from the Army and 180 from the Military Academy. In nearly 100 years it has had but 12 colonels, the last being that distinguished officer Wm. P. Carlin, Bvt. Maj. Gen., U. S. A. With the complete list of field and staff the regiment, the 4th Infantry, has found a historian in 1st Lieut. James A. Leyden, Adj't, who has compiled a Register of the commissioned officers from 1796 to the present time. It includes the names of two Presidents of the United States, Maj. Taylor and Lieut. and Capt. Grant, Sheridan, Crook, Augur, Lorenzo Thomas, Eaton, Macfeely, Alvord, McCall, Judah, Prince, Buchanan, D. A. Russell, L. C. Hunt, Hazen, Wallen and Kautz were among the subalterns. The staff corps are indebted to the regiment for 13 officers in the Adj't, Gen'l's Dept., 12 Q. M. Dept., 12 Subs. Dept., 5 Insp. Genls. and 4 Pay Dept. officers. Of the 54 officers named 32 were appointed from civil life, 33 from the Army and 180 from the Military Academy. In nearly 100 years it has had but 12 colonels, the last being that distinguished officer Wm. P. Carlin, Bvt. Maj. Gen., U. S. A. With the complete list of field and staff the regiment, the 4th Infantry, has found a historian in 1st Lieut. James A. Leyden, Adj't, who has compiled a Register of the commissioned officers from 1796 to the present time. It includes the names of two Presidents of the United States, Maj. Taylor and Lieut. and Capt. Grant, Sheridan, Crook, Augur, Lorenzo Thomas, Eaton, Macfeely, Alvord, McCall, Judah, Prince, Buchanan, D. A. Russell, L. C. Hunt, Hazen, Wallen and Kautz were among the subalterns. The staff corps are indebted to the regiment for 13 officers in the Adj't, Gen'l's Dept., 12 Q. M. Dept., 12 Subs. Dept., 5 Insp. Genls. and 4 Pay Dept. officers. Of the 54 officers named 32 were appointed from civil life, 33 from the Army and 180 from the Military Academy. In nearly 100 years it has had but 12 colonels, the last being that distinguished officer Wm. P. Carlin, Bvt. Maj. Gen., U. S. A. With the complete list of field and staff the regiment, the 4th Infantry, has found a historian in 1st Lieut. James A. Leyden, Adj't, who has compiled a Register of the commissioned officers from 1796 to the present time. It includes the names of two Presidents of the United States, Maj. Taylor and Lieut. and Capt. Grant, Sheridan, Crook, Augur, Lorenzo Thomas, Eaton, Macfeely, Alvord, McCall, Judah, Prince, Buchanan, D. A. Russell, L. C. Hunt, Hazen, Wallen and Kautz were among the subalterns. The staff corps are indebted to the regiment for 13 officers in the Adj't, Gen'l's Dept., 12 Q. M. Dept., 12 Subs. Dept., 5 Insp. Genls. and 4 Pay Dept. officers. Of the 54 officers named 32 were appointed from civil life, 33 from the Army and 180 from the Military Academy. In nearly 100 years it has had but 12 colonels, the last being that distinguished officer Wm. P. Carlin, Bvt. Maj. Gen., U. S. A. With the complete list of field and staff the regiment, the 4th Infantry, has found a historian in 1st Lieut. James A. Leyden, Adj't, who has compiled a Register of the commissioned officers from 1796 to the present time. It includes the names of two Presidents of the United States, Maj. Taylor and Lieut. and Capt. Grant, Sheridan, Crook, Augur, Lorenzo Thomas, Eaton, Macfeely, Alvord, McCall, Judah, Prince, Buchanan, D. A. Russell, L. C. Hunt, Hazen, Wallen and Kautz were among the subalterns. The staff corps are indebted to the regiment for 13 officers in the Adj't, Gen'l's Dept., 12 Q. M. Dept., 12 Subs. Dept., 5 Insp. Genls. and 4 Pay Dept. officers. Of the 54 officers named 32 were appointed from civil life, 33 from the Army and 180 from the Military Academy. In nearly 100 years it has had but 12 colonels, the last being that distinguished officer Wm. P. Carlin, Bvt. Maj. Gen., U. S. A. With the complete list of field and staff the regiment, the 4th Infantry, has found a historian in 1st Lieut. James A. Leyden, Adj't, who has compiled a Register of the commissioned officers from 1796 to the present time. It includes the names of two Presidents of the United States, Maj. Taylor and Lieut. and Capt. Grant, Sheridan, Crook, Augur, Lorenzo Thomas, Eaton, Macfeely, Alvord, McCall, Judah, Prince, Buchanan, D. A. Russell, L. C. Hunt, Hazen, Wallen and Kautz were among the subalterns. The staff corps are indebted to the regiment for 13 officers in the Adj't, Gen'l's Dept., 12 Q. M. Dept., 12 Subs. Dept., 5 Insp. Genls. and 4 Pay Dept. officers. Of the 54 officers named 32 were appointed from civil life, 33 from the Army and 180 from the Military Academy. In nearly 100 years it has had but 12 colonels, the last being that distinguished officer Wm. P. Carlin, Bvt. Maj. Gen., U. S. A. With the complete list of field and staff the regiment, the 4th Infantry, has found a historian in 1st Lieut. James A. Leyden, Adj't, who has compiled a Register of the commissioned officers from 1796 to the present time. It includes the names of two Presidents of the United States, Maj. Taylor and Lieut. and Capt. Grant, Sheridan, Crook, Augur, Lorenzo Thomas, Eaton, Macfeely, Alvord, McCall, Judah, Prince, Buchanan, D. A. Russell, L. C. Hunt, Hazen, Wallen and Kautz were among the subalterns. The staff corps are indebted to the regiment for 13 officers in the Adj't, Gen'l's Dept., 12 Q. M. Dept., 12 Subs. Dept., 5 Insp. Genls. and 4 Pay Dept. officers. Of the 54 officers named 32 were appointed from civil life, 33 from the Army and 180 from the Military Academy. In nearly 100 years it has had but 12 colonels, the last being that distinguished officer Wm. P. Carlin, Bvt. Maj. Gen., U. S. A. With the complete list of field and staff the regiment, the 4th Infantry, has found a historian in 1st Lieut. James A. Leyden, Adj't, who has compiled a Register of the commissioned officers from 1796 to the present time. It includes the names of two Presidents of the United States, Maj. Taylor and Lieut. and Capt. Grant, Sheridan, Crook, Augur, Lorenzo Thomas, Eaton, Macfeely, Alvord, McCall, Judah, Prince, Buchanan, D. A. Russell, L. C. Hunt, Hazen, Wallen and Kautz were among the subalterns. The staff corps are indebted to the regiment for 13 officers in the Adj't, Gen'l's Dept., 12 Q. M. Dept., 12 Subs. Dept., 5 Insp. Genls. and 4 Pay Dept. officers. Of the 54 officers named 32 were appointed from civil life, 33 from the Army and 180 from the Military Academy. In nearly 100 years it has had but 12 colonels, the last being that distinguished officer Wm. P. Carlin, Bvt. Maj. Gen., U. S. A. With the complete list of field and staff the regiment, the 4th Infantry, has found a historian in 1st Lieut. James A. Leyden, Adj't, who has compiled a Register of the commissioned officers from 1796 to the present time. It includes the names of two Presidents of the United States, Maj. Taylor and Lieut. and Capt. Grant, Sheridan, Crook, Augur, Lorenzo Thomas, Eaton, Macfeely, Alvord, McCall, Judah, Prince, Buchanan, D. A. Russell, L. C. Hunt, Hazen, Wallen and Kautz were among the subalterns. The staff corps are indebted to the regiment for 13 officers in the Adj't, Gen'l's Dept., 12 Q. M. Dept., 12 Subs. Dept., 5 Insp. Genls. and 4 Pay Dept. officers. Of the 54 officers named 32 were appointed from civil life, 33 from the Army and 180 from the Military Academy. In nearly 100 years it has had but 12 colonels, the last being that distinguished officer Wm. P. Carlin, Bvt. Maj. Gen., U. S. A. With the complete list of field and staff the regiment, the 4th Infantry, has found a historian in 1st Lieut. James A. Leyden, Adj't, who has compiled a Register of the commissioned officers from 1796 to the present time. It includes the names of two Presidents of the United States, Maj. Taylor and Lieut. and Capt. Grant, Sheridan, Crook, Augur, Lorenzo Thomas, Eaton, Macfeely, Alvord, McCall, Judah, Prince, Buchanan, D. A. Russell, L. C. Hunt, Hazen, Wallen and Kautz were among the subalterns. The staff corps are indebted to the regiment for 13 officers in the Adj't, Gen'l's Dept., 12 Q. M. Dept., 12 Subs. Dept., 5 Insp. Genls. and 4 Pay Dept. officers. Of the 54 officers named 32 were appointed from civil life, 33 from the Army and 180 from the Military Academy. In nearly 100 years it has had but 12 colonels, the last being that distinguished officer Wm. P. Carlin, Bvt. Maj. Gen., U. S. A. With the complete list of field and staff the regiment, the 4th Infantry, has found a historian in 1st Lieut. James A. Leyden, Adj't, who has compiled a Register of the commissioned officers from 1796 to the present time. It includes the names of two Presidents of the United States, Maj. Taylor and Lieut. and Capt. Grant, Sheridan, Crook, Augur, Lorenzo Thomas, Eaton, Macfeely, Alvord, McCall, Judah, Prince, Buchanan, D. A. Russell, L. C. Hunt, Hazen, Wallen and Kautz were among the subalterns. The staff corps are indebted to the regiment for 13 officers in the Adj't, Gen'l's Dept., 12 Q. M. Dept., 12 Subs. Dept., 5 Insp. Genls. and 4 Pay Dept. officers. Of the 54 officers named 32 were appointed from civil life, 33 from the Army and 180 from the Military Academy. In nearly 100 years it has had but 12 colonels, the last being that distinguished officer Wm. P. Carlin, Bvt. Maj. Gen., U. S. A. With the complete list of field and staff the regiment, the 4th Infantry, has found a historian in 1st Lieut. James A. Leyden, Adj't, who has compiled a Register of the commissioned officers from 1796 to the present time. It includes the names of two Presidents of the United States, Maj. Taylor and Lieut. and Capt. Grant, Sheridan, Crook, Augur, Lorenzo Thomas, Eaton, Macfeely, Alvord, McCall, Judah, Prince, Buchanan, D. A. Russell, L. C. Hunt, Hazen, Wallen and Kautz were among the subalterns. The staff corps are indebted to the regiment for 13 officers in the Adj't, Gen'l's Dept., 12 Q. M. Dept., 12 Subs. Dept., 5 Insp. Genls. and 4 Pay Dept. officers. Of the 54 officers named 32 were appointed from civil life, 33 from the Army and 180 from the Military Academy. In nearly 100 years it has had but 12 colonels, the last being that distinguished officer Wm. P. Carlin, Bvt. Maj. Gen., U. S. A. With the complete list of field and staff the regiment, the 4th Infantry, has found a historian in 1st Lieut. James A. Leyden, Adj't, who has compiled a Register of the commissioned officers from 1796 to the present time. It includes the names of two Presidents of the United States, Maj. Taylor and Lieut. and Capt. Grant, Sheridan, Crook, Augur, Lorenzo Thomas, Eaton, Macfeely, Alvord, McCall, Judah, Prince, Buchanan, D. A. Russell, L. C. Hunt, Hazen, Wallen and Kautz were among the subalterns. The staff corps are indebted to the regiment for 13 officers in the Adj't, Gen'l's Dept., 12 Q. M. Dept., 12 Subs. Dept., 5 Insp. Genls. and 4 Pay Dept. officers. Of the 54 officers named 32 were appointed from civil life, 33 from the Army and 180 from the Military Academy. In nearly 100 years it has had but 12 colonels, the last being that distinguished officer Wm. P. Carlin, Bvt. Maj. Gen., U. S. A. With the complete list of field and staff the regiment, the 4th Infantry, has found a historian in 1st Lieut. James A. Leyden, Adj't, who has compiled a Register of the commissioned officers from 1796 to the present time. It includes the names of two Presidents of the United States, Maj. Taylor and Lieut. and Capt. Grant, Sheridan, Crook, Augur, Lorenzo Thomas, Eaton, Macfeely, Alvord, McCall, Judah, Prince, Buchanan, D. A. Russell, L. C. Hunt, Hazen, Wallen and Kautz were among the subalterns. The staff corps are indebted to the regiment for 13 officers in the Adj't, Gen'l's Dept., 12 Q. M. Dept., 12 Subs. Dept., 5 Insp. Genls. and 4 Pay Dept. officers. Of the 54 officers named 32 were appointed from civil life, 33 from the Army and 180 from the Military Academy. In nearly 100 years it has had but 12 colonels, the last being that distinguished officer Wm. P. Carlin, Bvt. Maj. Gen., U. S. A. With the complete list of field and staff the regiment, the 4th Infantry, has found a historian in 1st Lieut. James A. Leyden, Adj't, who has compiled a Register of the commissioned officers from 1796 to the present time. It includes the names of two Presidents of the United States, Maj. Taylor and Lieut. and Capt. Grant, Sheridan, Crook, Augur, Lorenzo Thomas, Eaton, Macfeely, Alvord, McCall, Judah, Prince, Buchanan, D. A. Russell, L. C. Hunt, Hazen, Wallen and Kautz were among the subalterns. The staff corps are indebted to the regiment for 13 officers in the Adj't, Gen'l's Dept., 12 Q. M. Dept., 12 Subs. Dept., 5 Insp. Genls. and 4 Pay Dept. officers. Of the 54 officers named 32

ORDNANCE NOTES.

The South Boston Iron Works will soon resume in their new location in Kentucky work upon Army and Navy ordnance.

The Navy Department has made arrangements with the Dupont Powder Company for the establishment of a plant for the manufacture of gunpowder and smokeless powder for naval use.

The new British magazine gun is reported to have gained considerably in favor as the result of the recent agitation in Parliament. The criticisms to which it has been subjected is the result of defects of workmanship in hastily manufactured guns and do not affect the principle of the arm.

The Cowles Electric Smelting and Aluminum Co. are now offering in our advertising columns to sell aluminum, "the cheapest and purest in the market," for \$1 a pound in ingots. At this rate it is cheaper than nickel or German silver, and can be used commercially for many purposes, being bulk for bulk nearly as cheap as copper.

The Board on Magazine Arms will meet at the Army Building in this city on April 14, for what will probably be their last session in New York for some time, as the Wetteren powder, so long expected, has finally arrived from Europe, and, having been tested at the armory, will shortly be made up into cartridges at Frankford Arsenal, enabling the board to soon commence at Springfield the active prosecution of the tests of guns submitted.

At the session of the British Society of Naval Architects at which Mr. Biles made his remarks on our Navy, M. Barba, of the French Navy, read a paper on "Recent Improvements in Armor Plate for Ships." M. Barba appeared to consider that the advantages of the nickel plate are somewhat overrated, and that the introduction of nickel tends merely to hide the cracks which must inevitably be produced by the contact of a heavy projectile. In the discussion which followed, Mr. W. H. White, C. B., stated that experiments had been carried out with the nickel plates as far back as 1889 by the Admiralty.

The highly satisfactory results obtained with the 8-inch gun of 35 calibres lately built by the Ordnance Bureau of the Navy, and the general tendency to increase in length of bore now prevalent in foreign countries has induced the Bureau to design an 8-inch gun of 50 calibres. This will be the longest gun ever built for naval purposes in this country. An 8-inch, two 6-inch, and a number of 4 and 5-inch rapid-fire guns of 40 calibres are now being built. The date is thought to be not far distant when this will be standard length for the guns of all the fast cruisers, and it may be determined to still further increase the length should the 50 calibre 8-inch gun give the results expected.

A plan of the Buffington disappearing gun-carriage, with modifications by Capt. Crozier, was submitted by the Ordnance Department for the action of the Ordnance and Fortification Board at its last session. It met with the hearty approval of the board, but the allotment of funds for its construction was deferred until the next meeting in order that design for a 10-inch instead of an 8-inch carriage may be submitted. The two carriages of the disappearing type heretofore ordered, one each from the Pneumatic Gun Carriage Co. and the manufacturer of the Gordon carriage, being for 10-inch guns it was thought desirable to have the one submitted by the Ordnance Department of the same size in order that there may be a fair test of the relative merits of all three types.

Le Génie Civil of the 7th of March has a very thorough review of the present state of the question of compound versus steel armor, illustrated by thirty one diagrams and plates. A very full account of recent experiences with armor plates at Ochta, Russia, and at Annapolis, Md., is given by the author, Alfred Evrard, formerly "director general of La Campagne Anonyme des Forges de Chatillon et Commeny." M. Evrard thinks that the conclusions from these trials as presented by M. Weyl, who is a pronounced advocate of the Schneider metal are premature and create a dangerous confidence in the armed vessels of France as compared with those of other nations. He calls attention to the fact that the steel armor has no monopoly of progress, and to the further fact that France has three other establishments well equipped for manufacturing steel plates, which nevertheless continue to manufacture plates of compound metal. He warns his countrymen against a partnership for Schneider that tends to a premature determination of a question still open. He shows that "if the Schneider metal arrests sufficiently well a small number of bursting projectiles, with a too decided tendency to serious cracks involving the whole thickness of the plate, yet on the contrary, it does not resist repeated blows of less force so well as steel that has been simply cast, properly tempered and annealed." Some of the results of other trials are presented in contrast with those obtained at Annapolis to show the danger of premature conclusions based upon isolated facts. The trials at Ochta and at Annapolis as M. Evrard contends, have not altered the relations of the two metals whose merits are under discussion, but simply suggest changes in methods of fabrication applicable to either. However excellent the Schneider metal, it will not do to draw too hasty conclusions as to the inefficiency of the armor which such "consummate specialists" as Chas. Cammell and Company, of Sheffield, have supplied to foreign navies. The final conclusion is that the time has not yet come to make a final choice between solid steel and compound armor.

In answering a claim to priority of invention by G. R. Lindsay, of Rahway, N. J., Lieut. G. N. Whistler says: "Mr. Lindsay failed to notice that the fundamental principle of the Brown gun lies in the segmental tube and not in the wire wrapping."

Mr. Brown has never claimed that he was the inventor of the wire gun. Even the segmental tube is not new, but the subdividing of a core for the purpose of obtaining special elasticity, thereby making it possible to set up such a high degree of initial compression that even under the highest powder pressure the compression at the surface of the bore will not be reduced to zero, is entirely original with Mr. Brown. A number of systems of wire guns have been proposed and tried, but no other system claiming its possibility of producing such initial compression, save possibly that of Capt. Crozier, has ever been suggested, and I do not know that Capt. Crozier claims such conditions for his gun."

Concerning the prevailing tendency to increase in length in modern gun construction, Capt. R. Birnie, Jr., in a recent article in the *Military Service Institute*, says: "As regards the future of gun construction there is at present a decided tendency to increase the length, which may be noted as a revival of a very ancient practice. It will now be carried, I presume, to the verge of the longitudinal stiffness requisite in the gun and may again retroact. This tendency to increase of length accompanied the development of slow-burning powders, but may be regarded as preparing the way for the replacement of these powders by their prospective successors the so-called smokeless powders. The perfect combustion of the smokeless powders and their reported behavior even in this early stage of their development indicates that their general adoption for heavy gun charges will not be long delayed. Such a change will not, however, so far as can be foreseen, cause any material change in the present system of gun construction. The strength of a gun and the work to be done by the gun are correlative, and the standard measure of this work is ever tending to increase, so that the strongest and best gun that can be made will always be demanded."

The Navy Department has just completed a contract with the Du Pont Powder Works Company under which that company will erect a plant for the manufacture of gun cotton and smokeless powders for the Navy, the facilities for this work at the Newport Torpedo Station not being sufficient to do it promptly. The powders thus far produced generally fail in two important particulars; first, in complete homogeneity, and second, in perfect stability. The lack of stability results from the use of substances more or less volatile in forming the mixture, and unless the charges are hermetically sealed they are subject to change, and the pressures and initial velocities which they produce in practice are entirely different from those obtained in proving them. Such a measure of success has already been obtained, however, as to make it reasonably certain that a perfectly satisfactory powder will soon be found.

REGULARS AND MILITIA COMPARED.

To the Editor of the *Army and Navy Journal*:

I SEND you tabulated statements of the average age, height and weight of the enlisted men of the 14th Infantry, and of the 1st Oregon National Guard, a militia regiment of unusual excellence. Both regiments are trained in athletic exercises, and the weight given may be considered their fighting weight. If you can get similar reports of other regiments, interesting comparisons can be made:

14TH U. S. INFANTRY, COL THOS. M. ANDERSON, U. S. A.				
	Age,	Height,	Weight,	Average.
	average.	Average.	Average.	
Company A.....	33-8	5' 7"	165	
Company B.....	34	5' 7"	158	
Company C.....	33-2	5' 7"	160	
Company D.....	30-6	5' 7"	155	
Company E.....	34-5	5' 7"	157	
Company F.....	34-6	5' 7"	161	
Company G.....	30-3	5' 6"	157	
Company H.....	33	5' 7"	154	
Companies.....	32-5	44.10-17.24"	1267	
Regimental Average.....	32-9%	5' 6"-152"	1584	

1ST REGIMENT, O. N. G., COL CHAS. F. BEEBE.

1ST REGIMENT, O. N. G., COL CHAS. F. BEEBE.				
	Number of	Age,	Height	Weight,
	N. C. O. and Privates.	Age.	Height.	Weight.
N. C. Staff.....	5	26	5' 9"	143
Signal Corps.....	9	27	5' 8 1/2"	147
Company A.....	49	21	5' 10 1/2"	157
Company B.....	51	21 1/2	5' 9 1/2"	156
Company C.....	62	24	5' 9"	146
Company D.....	47	26	5' 9 1/2"	156
Company E.....	47	28	5' 9"	167
Company F.....	54	25	5' 9 1/2"	152
Company G.....	48	26	5' 9 1/2"	165
Company H.....	44	20 1/2	5' 9 1/2"	148
Company I.....	50	27	5' 9 1/2"	151

GENERAL AVERAGE OF REGIMENT.

Number of N. C. O. and Privates. Age. Weight. Height.
459 25 yrs. 153 lbs. 5 ft. 8 1/2".

The British force of Ghoorkas commanded by Lieut. Grant, which recently captured Fort Thabat from an overwhelming force of Manipurs, have further distinguished themselves by repulsing an attack by the enemy in overwhelming numbers. The enemy fought gallantly for every foot of ground, the attack lasting three hours, during which some superb fighting was witnessed on both sides. Finally the Manipurs were repulsed, the usurping Rajah and two prominent chiefs, all three of whom had displayed remarkable bravery in leading the tribesmen to the attack, being killed during the onslaught. The loss of the tribesmen, in addition to the killing of their leaders, was very heavy. Capt. Presgrave, the despatch adds, has arrived at Fort Thabat with much needed re-enforcements. This, combined with Lieut. Grant's victory, has so disheartened the Manipurs that they now announce that they are ready and willing to recognize the authority of the British officials as soon as the British troops re-enter Manipur.

Unity of impulse being the grand requisite in a charge, it is hard to see how it can be attained so well as by a formation that renders it difficult for any horseman to disengage himself from the moving mass.—Hamley.

ANSWERS TO CORRESPONDENTS.

C. B.—There would be no charge under the circumstances you mention.

Rex.—Discharge by purchase is confined to the second and third years of the first enlistment.

F. M. asks: Which European country has the largest standing army to-day? Ans.—Russia.

Walla Walla.—Make application to your commanding officer, offering to pay expenses of transfer, and your request may be granted.

House Carpenter.—You can purchase a manual on "Shipbuilding" at John Wiley and Sons, publishers, 33 East 10th street, New York City.

R. A. C.—There are several officers now in the Army who obtained their commissions after two, three and four years' service in the ranks.

Patriot.—G. Greighton Webb, 170 Broadway, New York City, is the Secretary of the New York Society of the Sons of the American Revolution.

A. M.—The enlistment of the *Lancaster's* band has been postponed until she arrives in New York, which will probably be about April 15. Look out for her arrival and then make application.

Long service asks whether the long service medals presented in the N. G. S. N. Y. are given by the State or by the regiments. Ans.—They are given by the organizations presenting them. The State does not furnish any, although it is advocated and proper that they should do so. They may some day.

J. H. A.—If it should be discovered that an officer of the Army, commissioned from the ranks, had obtained the promotion through false representations, so as to meet the prescribed requirements, he would undoubtedly be amenable to trial by a General Court-martial and probably would lose his commission.

Corporal.—The decision in Circular 2, A. G. O., 1891, does not include corporals. You are in error in stating that Lieut. Hamilton in his *Elementary Principles of the Art of War* says that corporals are not non-commissioned officers. He distinctly states (on page 133): "The corporal is the lowest rank of non-commissioned officer."

W. T. H.—You can get "Wingate's Indicator for Armament Drill" of Gen. Geo. W. Wingate, No. 20 Nassau street. Richard Vose, 115 Broadway, can give you information concerning the tripod. Boulanger's Telemeter can only be had in Brussels. It is out of date, better contrivances having been invented since it was described in Wingate's Manual.

W. M. D., Palatka, Fla., asks: After firing and the pieces brought from the position of firing to a carry, can the command squads ready, be executed? This command I obeyed and the judges decided in my favor, and my opponent refused, contending that his piece was unloaded and that he could not execute the command. It was in a prize drill. Ans.—The command was not tactical, and therefore your opponent, who followed the rule that when an incorrect order is given to a soldier at drill he should stand fast, was entitled to be declared the winner.

J. T. W. writes: At an individual competitive drill held recently, only two men were left in ranks (each man having been dropped out as he made an error), the following commands were given: "Squad load;" "Fire by squad, squad ready;" "Aim;" "Fire;" "Carry arms." Then "Fire by squad, squad ready," one of the two men came to a ready, the other remained motionless, claiming that the command was impracticable of execution, and was probably given as a catch command (which was the case). I claim as the piece was not loaded that the command should not have been obeyed. Ans.—You are right.

A. R. asks: Please inform me of the number of vacancies by retirement for the year ending June 30, 1891, both in the line and Engineer Corps of the Navy, also for the U. S. Marine Corps. Ans.—The following officers of the Navy retire during the year ending 1891: Rear Admiral G. E. Belknap, Jan. 22, 1891; Rear Admiral A. R. K. Benham, April 10, 1891; Comdr. J. Irwin, April 15, 1891; Med. Director D. Bloodgood, Aug. 20, 1891; Chief Engrs. E. D. Robie, Sept. 11, 1891; W. B. Brooks, Nov. 27, 1891; J. W. Moore, May 24, 1891; Chaplain W. H. Stewart, July 11, 1891; Naval Constructor T. E. Webb, May 24, 1891. There are no retirements in the Marine Corps.

A. M.—The infantry, we think, would be the best to enter as, ordinarily, in that arm you would have more time for study than in the cavalry or the artillery. The chances for promotion from the ranks are about equal in any of the three arms. Everything depends upon the man himself and any troop, battery or company commander would be glad to recommend a non-commissioned officer for promotion, after the usual probation. If he had proved himself to be worthy of the position. The triple alliance to which you refer is composed of Germany, Austria and Italy.

L. H. Anderson.—Your question has been frequently answered here, to the effect that the President has control of the militia whenever called into the service of the United States, and that he has full authority to call them into service whenever, in his judgment, the emergency is such as to demand their presence. As to this he is the sole judge. When called into service they are soldiers of the United States, and not of their several States, and the President as Commander-in-Chief has the same control of them as of the Regular forces. No one will venture to dispute this statement who is familiar with the Constitution and laws, as interpreted by the Courts. We regret that there is so much ignorance on the subject among National Guardsmen, as your letter would indicate.

The illustrated description of the present army of France by General Lewal, in *Harper's Magazine* for April, is very interesting and valuable. "By contact with misfortune" we are told, "characters have been selected. The instruction of the French Army has been developed, and even its amusements have become more serious." The subaltern reprinds, scolds and punishes, but he does not abuse the men; still less does he strike them. His whole being is a picture of action and movement. He joins example to precept; he demonstrates and he executes. Athletic in form, of bronzed complexion, cleanly shaven, with heavy moustaches, a long moustache under his lower lip, his dress irreproachable, his physiognomy is kindly, his aspect serious, and he rarely laughs. The most noticeable article in this number from an American point of view, is that of our late Minister to England, Hon. E. J. Phelps, on "The Boiling Sea Controversy." It fully sustains the American case as it is now being urged by Mr. Blaine, and sharply rebukes those whose un-American spirit prompts them to embarrass our Government by unfriendly and captious criticism that encourages the foreigner.

The question Where will be the battle field of the next European war? is discussed in this week's issue of *Harper's Weekly* in an article on Bulgaria, by Stephen Bonsal, the N. Y. Herald's Bulgarian correspondent.

THE STATE TROOPS.

Correspondence on subjects appertaining to this department of the paper is always gladly received. The wishes of contributors as to the use of their names will be scrupulously regarded.

Seventh New York.—Colonel D. Appleton.

A PROMINENT officer of the N. G., who is an occasional correspondent of the JOURNAL, and who was among many guests at the review of the regiments last week and took a few observations, sends us the following:

The guard duty was excellent, except that sentries were unarmed; would certainly have looked more soldierly with pieces.

Previous to the formation a number of men paraded around the floor in twos and threes, carrying their pieces with both hands crossed in front, as a woman would carry a baby, not a soldier his rifle.

Formation very prompt, several of the 1st sergeants calling the roll from memory. The most serious error was that the captain of the fourth company gave the command. In place, rest, while the company were at support arms. This was while waiting for adjutant's call.

The battalion was equalized to 10 companies of 32 files and with the staff and band almost completed the hollow square into which they were formed, scarcely enough space being left for the reviewing officer, Gen. Fitzgerald, and staff to stand.

The manual of arms at dress parade was done as no other regiment in the National Guard can do it, every hand falling together. If all the companies were to "lower the mace gently, without shock," as the book says, the manual would be perfect, but the tendency seems to be to bang the pieces at the command order arms in most of the companies, the second company in line being the notable exception.

The adjutant was well posted, snappy, and has a voice that is clear and distinct, and can be heard with ease in any part of the armory. The drum major handled the hand in the contracted space in a masterly way, considering the number of musicians in his care, and the marching and wheeling of the band was better than I have ever seen, the men stepping off like soldiers. The selection played while the ranks were opened and Gen. Fitzgerald was inspecting the troops, was "Medley," consisting of "They're After Me," "We've All Had 'Em," "Wink the Other Eye," "Steady, B. Y. S.," "Now," "This last," I suppose, referred to the white knee breeches and riding boots worn by the General and staff, which were in marked contrast to the neat-fitting trousers worn by the regiment, and only served to show off several pairs of legs that would have looked better hidden, and, considering the inclemency of the weather outside, the white pants seemed strangely out of place, and one could not help but shiver to look at them. The men were very steady and the passage in review was excellent and was only marred by the C. O. bringing the command to right shoulder arms previous to the command Pass in review, forward, guide right, etc.

The presentation of medals was tedious, as all such ceremonies are. The battalion was afterwards maneuvered by bugle, with which the men seemed fairly familiar, and were brought into one column of six rows, 64 files front, when they were marched the length of the vast armory, wheeled about by fours, marched back with a front that was superb, the line never wavering.

The team of three match in the 7th N. Y. has been finally won by the team from Co. B, Capt. D. A. Nesbitt. The aggregate scores of each team in the series of competitions were as follows:

	1st.	2d.	3d.	4th.	Avg.
Company B.....	120	123	121	115	409
Company H.....	131	125	117	121	404
Company A.....	126	120	125	113	424
Company E.....	123	119	129	115	455
Company L.....	119	117	123	117	452
Company G.....	120	109	121	123	474
Company K.....	122	124	128	100	474
Company F.....	123	120	113	109	470

The sharpshooters' match was shot at the armory range April 4, the winner being Pvt. A. B. Risley, Co. C, 32-35-67. Medal—Pvt. C. C. Brown, I, 31-34-65, and J. M. Moe, G, 35-39-66.

On April 11 the club "Team of Three," consisting of a sharpshooter, a second and a third classman will be shot.

The rifle club season will close on April 25, on which evening the medal and prizes will be distributed and a collation will be served.

There are 74 sharpshooters to date in the club against 61 last year, divided among the companies as follows: F. S. and N. C. S, 3; Co. A, 6; B, 12; C, 10; D, 5; E, 2; F, 10; G, 5; H, 11; I, 6; K, 4; total, 74.

Prizes were distributed in Co. D's room last Monday night as follows: Captain's trophy, Pvt. C. G. Halliday; second class medal, Pvt. H. B. Snyder; third class medal, Pvt. W. D. Holmes; Smythe trophy, Pvt. C. G. Halliday; senior medal, Lieut. J. W. Cochran. Company class match—First class, Corp. F. W. Powles; second class, Pvt. H. S. Bartow; third class, Pvt. R. T. Eldridge.

Co. B will celebrate its 85th anniversary on May 6 by a dinner at Snerry's. It is rumored that Capt. Louis E. Lefferts will resign shortly after inspection, but the tooth company boys are working hard to keep him in. Business is said to be the reason. Such energetic, enthusiastic, and thoroughly loyal men as Capt. Lefferts can ill afford to be spared even by the 7th.

Capt. Daniel Appleton's portrait was unveiled in the sixth company room on Monday evening before a large assemblage of military men and the members of the company. Mr. Edw. Kemp presented the canvas on behalf of the committee, Capt. Rand revealing it in the company's name. The portrait is not finished, but it is an admirable likeness and when it is finished it will have no superior in the armory. The painter, Geo. B. Butler, was formerly a member of the 7th and lost his right arm at Gettysburg while in command of a company of the 3d U. S. Infantry of the Regular Army Brigade. Though he paints with his left arm he is recognized as one of the best portraiture in the country and a number of his likenesses of Cabinet officers adorn the walls of the State, War and Navy Dept., building in Washington. After the formal presentation short speeches were made by various persons, Capt. Appleton, Gen. Clark, Capt. Rand, and Dr. Freeman and others. After the speeches refreshments were served.

Preparations are being made for the three great events of the year—inspection, Creedmoor general practice and camp.

Twelfth New York.—Colonel H. Dowd.

LIEUTENANT-COLONEL MILLER had it all to himself at the battalion drill on March 31 last, Colonel Dowd being one of the victims of la grippe. Cos. A, B, F, G and H were on the floor, and 24 quizzed into six companies, 12 files front. What is the matter with guard duty in the 12th? Why were the extra men dismissed, and allowed to lay around loose and criticize and laugh at their comrades in ranks? These men should have been formed as a guard and insuited in sentry duty. Is nothing else, a guard would prevent the noise and annoyance in the gallery. The men report for duty and want to drill, but because the room will not permit of a battalion exceeding six or twelve they are thrown out. They should be utilized, and sentry duty is just the thing required. This is not the first omission of this kind in the 12th. It has occurred at every battalion drill during the season. It is certainly not good form to order men to report for drill and instruction and then tell them to sit down and look on, or go home if they choose. When men are ordered to the armory it means business, and these extra men, if not in ranks, should not be taught some other portion of the duty of the soldier. Lieut. Walwright, the acting adjutant, was prompt and effective in his qualification and formation, and the battalion was turned over in proper shape. Lieut.-Col. Miller went through the tactics, the

movements being in quick and double time, and all performed with that rapid precision for which the 12th is noted. Of course, there were faults, of omission and commission, but in the general detail there was little fault to find. Officers were prompt in giving commands and the men were equally prompt in their execution. But one glaring error was observed in this first part of the drill. The skirmish line was thrown out by numbers. This skirmish line was oblique, and the battalion ordered to form an oblique front to cover the skirmishers. The two companies on the right and left were all right, but the color company, H, and the made-up company, Q, were virtually doubled up. They wheeled into each other, and the drill was suspended until they were straightened out. This was the only contretemps of the evening, and the commanding officers of companies were to blame. After a short rest Major Leonard took command of the battalion and, with a sharp drill of the manual, the command was given another dose in quick and double time. Movements and deployments on right, left and centre were the orders, and little time was left for the officers to think. Yet not a bres occurred. It was a successful drill. One of the old-time rushes of the 12th, and one that was appreciated by the military spectators. The orders of the battalion commanders were quick and rapid, and were acted on promptly by the company officers, and not a break or hitch occurred. It was a good working drill, and shows that the officers of the 12th are not neglectful of their tactics.

Twenty-second New York—Col. John T. Camp.

COS. A, C, D, G and H assembled for battalion drill on Friday, April 3. The assembly sounded promptly at 8:30 and the companies also formed with promptness. An equalization of 6 commands of 12 files was effected and considerable time was lost in making it. The formation was very good. Col. Camp was in command. The double time in column of fours was excellent. In the "left front into line" the first and sixth companies lost considerable distance, but the second execution of the movement was much better. The battalion became mixed in executing "companies column right" from column of fours. The marching in line of battle was only fair, though the battalion steadied somewhat after marching across the armory once or twice. The marching in column of companies was better, the distance being very fair, except in the fourth company. The firing by company and battalion was good, especially the latter. The "from left rear companies left front into line" was very poorly executed the first time, the two right companies being separated from the remainder of the battalion. In this movement one of the captains in the left wing gave the command "left front into line march, guide right march, company half, right dress." The movement upon being repeated was executed much more satisfactorily. The movements were all simple, comprising the above described, also deploying and plying line and column, etc., and were executed in quick and double time. Too much credit cannot be given for the manner in which the battalion executed the latter. The step was preserved and distance well kept. The bugle was employed wherever possible. The drill was not as good as we have seen in this organization, or in this wing in fact, the officers and men not seeming thoroughly interested in their work. The markers and guides were active and intelligent, showing a thorough knowledge of their duties. The drill, comparatively speaking, was a short one.

A MONSTER ATHLETIC MEETING.

THE great athletic games of the 12th N. Y., which take place at the armory, 3rd street and 9th avenue, N. Y. City, next Wednesday evening, April 16, have the distinction of being the biggest armory games on record—besides the largest entry list for eight events in the history of athletics. Five hundred and sixty-nine bona fide entries have been received from every direction, in and out of town, comprising many skilled athletes. Among them are Messrs. George, Wiegand, Hjelberg, Barnes, Lange, Young, Devoreux, Barre, Wooodruff, Puffer, Collett, Powers, Young, Billings, Collier and others. The events, which are open to all amateurs, are: 60 yd. dash, 440 yd. run, two miles steeple chase, two miles safety bicycle, and one mile walk, all handicaps. Half mile novice race, scratch; one mile go-as-you-please, scratch, and an obstacle race, handicap. There are 161 entries in the novice race, 127 in the 60 yd. dash, 112 in the 440, 35 in the mile walk, 31 in the bicycle race, 26 in the heavy marching contest, 65 in the steeple chase, and 12 in the obstacle race, a total of 569 entries in the eight events—a record yet unequalled.

ALABAMA.

ADJ'T.-GEN. C. P. JONES in his annual report for 1890 announces the strength of the State troops to be 2,776, composed of three regiments of infantry. The 1st Regt., Col. Price Williams, Jr., has 12 companies of infantry, one battery and one troop of cavalry, with headquarters at Mobile. The 2d Regt., Col. L. V. Clark, has 11 companies of infantry, one troop of cavalry and two batteries of artillery, with headquarters at Birmingham. The 3d Regt., Col. W. W. Quarles, has 12 companies of infantry, one troop of cavalry and one battery of artillery, with headquarters at Selma. There are, in addition, two colored companies attached, one each to the 1st and 2d Regiments respectively. Gen. Jones reports that there seems to have been increased interest manifested by the people generally in the State troops. The only appropriation made by the State is the sum of \$11,250 per annum for encampment expenses and \$300 per annum to each company in lieu of armory rent. The officers and men have to furnish their own uniforms, and have drawn from the State only their arms and a scanty supply of ammunition. The tents used in the encampments were nearly all bought from private subscription raised for that purpose. Gen. Jones desires that the appropriation for the encampment be made at least \$15,000 per annum. "It is a matter of just pride to all thinking citizens of this State," says Gen. Jones, "that the State troops of Alabama have been able in the past to preserve the peace and to uphold the law without having fired single shot. They have been called out frequently without any notice, and taken suddenly to undergo hardships exposure and privation. There has been little or no murmuring, and in almost every case the individual members of the State troops have served it at personal sacrifice and loss. No State in the Union has men who have served her more unselfishly, or more faithfully and efficiently than the State troops of Alabama. Their record in the past is proof enough of this, and I believe that that record is argument enough to show that they are entitled to more consideration than they have heretofore received at the hands of this State. That they will be needed in the future is doubted by few, if any. That they will be ready when needed, no one will deny." Appended to the report is a roster of State troops. Interesting reports from different officers relative to the active service rendered by the troops in quelling and preventing riots and the reports of Capt. J. G. Lee, 19th U. S. Inf.; Lieut. J. B. McDonald, 16th Cav.; Lieut. L. G. Berry, 4th Art., and Lieut. S. W. Taylor, 4th Art. U. S. Army.

WEARING UNIFORMS OFF DUTY.

THE order requiring the State Service uniforms of men in the N. G. S. N. Y. to be kept in the armories is not enforced by commanding officers generally as it should be. This fact is very apparent. In connection with this a correspondent sends us the following: "It seems to be the prevailing idea with many young men who enlist in the Guard, that the fact of joining same entitles them to the privilege of wearing the uniform at all times and in all places, and the idea prevails that uniforms are meant to be used as a badge denoting that Mr. So-and-so belongs to such and such an organization. Go east last week a platoon of enlisted men and one officer (members of one of New York's best infantry organizations) dressed in the fatigue uniforms appeared on a stage of an uptown hall to take part in a farce comedy for the benefit of a life insurance association. During the past winter, while uptown, I met two young

men who wore the State service uniform of an uptown regiment. Upon inquiring the cause of the display, I was informed that the two Rangers were holding a ball at a hall on Ave. A. Having a few minutes to spare I determined to look in at the above mentioned hall. Imagine my surprise on finding that it was nothing more or less than a room in the back of the saloon. There I found 23 young men and women dancing to the music of a piano. If the regimental and company commanders would pay a little more attention to the laws governing the National Guard, S. N. Y., which prohibits men taking any part of the uniform excepting trousers away from the armory unless by permission from their commanding officer, there would be less chance of disgrace being brought upon the service."

"SIDE ARMS."

SOME COMING EVENTS.

We have received notification of the following:

- April 15.—Athletic games, 12th N. Y.
- April 17.—Battalion drill and reception 4th Sep. Co., Yonkers, N. Y.
- April 18.—Grand concert of Co. H, 22d N. Y., at the armory.
- April 20.—Review of 13th N. Y., at armory.
- April 22.—Entertainment of Veteran Corps, 18th N. Y., at armory.
- April 23.—Review, presentation of war veterans, long service medals, etc., 8th N. Y.
- April 25.—Veteran celebration and review of 14th N. Y., at armory.
- May 6.—Musical entertainment, Co. B, 12th N. Y., at armory.
- June 13.—Opening of Camp of Instruction, Peekskill, N. Y.

VARIOUS.

Lieut.-Col. John F. Cowan, at one time a captain in the 1st N. Y., and also on the staff of Gen. Molineux, died, on April 6, at his home in Brooklyn, N. Y.

Owing to the impossibility of completing the company parades in time, the 11th Separate Co., of Mount Vernon, N. Y., regret to announce the postponement of the Second Assembly Ball announced for April 10.

Major Chapin, of Brooklyn, N. Y., on April 6, executed a contract with John Guilloule, the lowest bidder for the manufacture work on the new armory of the 13th N. Y., for \$150,427. The work is to be completed Nov. 1 next year.

The Board of Estimate and Apportionment of New York City, on April 8, agreed to pay \$42,000 for the purchase of a piece of ground necessary to complete the armory site on 14th street, West of 6th avenue, for the 9th Regiment. It is estimated that the cost of the building will be \$350,000.

The last quarterly returns of the 22d N. Y., Col. J. T. Camp, show a gain of 32 over the previous quarter. The figures are as follows for the quarter ending March 31, 1891: F. and S., 19; Companies A, 17; B, 60; C, 57; E, 103; F, 50; G, 55; H, 75; K, 59—619. Previous quarter, 597; gain 32.

The 23d N. Y. attended the Park Theatre, Brooklyn, on a body on April 8, to witness the opera of "The Merry Monarchs," by Francis Wilson and his company. The boys threw lots of bouquets on the stage, and the occasion was a very enjoyable one.

We are pleased to learn that Brig.-Gen. J. M. Varian, N. G., S. N. Y., will continue to hold the office of Commissary-General and Chief of Ordnance for another two years, from March 31. Colonel Joseph G. Story will continue as Assistant Chief of Ordnance; Col. Philip H. Bridge, as Chief Clerk and Assistant in the Department, and Capt. Spencer, as Military Storekeeper at the Camp of Instruction.

Capt. H. O. Hastings, Co. D, 1st Regt., N. G. P., has forwarded his resignation, being unable to devote sufficient time to his command. Lieut.-Gen. W. Coulston, inspector of rifle practice, contemplates resigning, as he will soon remove to New York City. The 1st Regiment, of Philadelphia, will celebrate the 30th anniversary of its organization by a street parade in dress uniform, and review by Major Geo. E. Snowden, division commander, on Saturday, April 18.

The celebration by the veterans of the 13th N. Y., of the 30th anniversary of the departure of the regiment for the war, on April 23, will be an elaborate affair. Col. Austen has given the vets permission to take possession of the armory on the above evening. The active regiment will also parade. Among the distinguished people invited are Secretary Tracy and Chief Constructor T. D. Wilson, U. S. Navy, and they have promised to attend. Comm. Wilson served in the old 13th during the entire war. He is now a member of the Veteran Association.

Capt. C. H. Luscomb, Co. K, 13th N. Y., received a very agreeable surprise last week after the usual drill of the company. 1st Sergt. T. J. Hooley on behalf of the entire company, presented an exceptionally handsome sword and equipments to Capt. Luscomb as a token of their esteem. The captain after recovering himself, becomingly responded, and to the eminent satisfaction of the "boys." The sword was manufactured by Meers, Shannon, Miller and Crane, of New York, of regulation pattern, tortoise shell handle, blade of best damascus steel, and scabbard gold mounted.

The room of Co. F, 12th Regiment, N. Y., has been further ornamented by a handsome life size crayon portrait of Capt. W. H. Murphy, the popular and efficient commanding officer. The portrait is indeed a masterpiece, and is rendered doubly interesting from the fact that it is the work of Master J. E. Smith, a youth only 17 years of age, but certainly a genius in his line. Master Smith is a relative of Capt. J. J. Wunderberg, of Co. F. The presentation of the handsome portrait was made to Capt. Murphy last Tuesday day, and was wholly unexpected. The captain, of course, eloquently responded. We would suggest that the war correspondence of the N. Y. Herald go up and look at the picture; he will then perhaps never again mistake Capt. G. T. Lorring, 9th Regiment, for Capt. W. H. Murphy, of the 12th Regiment.

On the subject of suicides, Mr. Matthews tells us in the *North American Review* for April that: "Besides imitation there are other social influences which lead to suicide; but the most powerful is that which we denote by the general term civilization. Self-killing is emphatically the crime of intellectual peoples. Almost unknown to savages, rare among Mohammedans, it rages among the nations most advanced in culture and refinement with a fierceness exactly proportional to their mental development. It is said that Rome knew nothing of this curse till after the establishment of the empire. It was when the Roman legions had carried their eagles triumphantly through the world, and brought back the means of luxury in the spoils of Europe, Asia, and Africa, that life in the Eternal City began to be 'worn, stale, flat, and unprofitable.' To-day the Germans, who are the profoundest thinkers and the most cultivated people, are also the most suicidal race, in Europe. France comes next; England third, Italy and Hungary fourth; while, on the other hand, Spain, the most backward of European nations in culture, Ireland, Portugal, Corsica, and Dalmatia rank the lowest in the suicidal scale." Prof. Richard F. Ely, M. W. Hazeltine, Sidney Dillon, Henry W. Lucy, Agnes Repplier, Emile Castelar, E. P. Jackson, E. C. Bumpass, Curtis Guild, Jr., J. D. Broadhead and Mary A. Brinkman are the other contributors to this brilliant number of the oldest of our reviews."

(Correspondence of the Army and Navy Journal.)

THE WHITE SQUADRON.

The squadron has finished the drills and target practice that were laid out as a part of the programme during their stay at Tampa Bay, and sails from here at 2 P. M., April 2. On arriving at Rebecca Shoals, the Boston and Atlanta will proceed to Key West, the Chicago and Dolphin going to Havana, Cuba. The Atlanta will, after coaling, test the new sectional dock at Key West, while the Boston and Yorktown will, after coaling, await the arrival of the remainder of the squadron from Cuba, when the squadron will proceed North.

The stay at Tampa Bay, has, under the circumstances, been a very pleasant one, and was terminated by a delightful ball, given to Admiral Walker and the officers of the White Squadron, by Mrs. Plant, at the Tampa Bay Hotel on Monday night.

The large lawn in front of the immense Tampa Bay Hotel was illuminated by electric lights in all the colors of the rainbow, while across the lawn stood the five ships of the squadron, in column, all done in electric lights and Japanese lanterns. Besides illuminating the shrubbery, flower beds and fountain by colored lights, a neatly executed motto, "Our Sailors," extended across one end of the lawn, being constructed of red, white and blue lights, the combination of all the decorations making the large lawn a veritable fairy land, and furnishing a delightful promenade for those not inclined to trip the "light fantastic." The interior decorations fully equalled those of the exterior, the large lobby of the hotel was ablaze with flags of all nations very tastefully draped, while the almost interminable corridors and niches were decorated with native Florida flowers and fruits. The ball room was decorated with flowers and trailing greens, with many flags here and there, while across the front of the hall was placed a beautiful and very correct model of the flagship Chicago, done in flowers. The model was made from a photograph, and its correctness in detail was remarked by all.

Dancing began at 9 P. M., and lasted until 12, when an elegant supper was served in the dining room which had been decorated for the occasion.

After supper dancing was continued until 2:30 A. M., at which hour all were loath to leave. About 40 officers were present from the fleet, and on their departure on Tuesday morning they were given a grand "send off," the hotel band playing everything that could be construed as either national or naval air, while the ladies waved fond adieu from the hotel verandas.

On Wednesday Admiral Walker and the officers of the Chicago gave a grand fete to the many friends of the Navy at Tampa. Promptly at 1:30, the passenger steamer Mascot ranged along side the

huge flagship, and was soon surrounded by a swarm of ship's boats bearing their precious burdens of beauty to the Chicago, where the flagship band was discoursing enticing dance music and the flutter of half-concealed flags foretold the pleasure awaiting those who were brave enough to try the long 20-mile ride from Tampa to visit the squadron.

The Chicago was nearly decorated with flags of many nations, and the officers of that ship received their visitors in undress uniform, the *tout ensemble* making a very pretty scene, especially to the many landsmen that were for the first time on board an American cruiser. Dancing commenced at 2 P. M. and lasted until 6 P. M. A delightful lunch was served in the wardroom. During the festivities the officers of the Yorktown were rudely reminded that duty as well as pleasure makes up this life, by that vessel sailing, at 5:15 P. M., for Key West. Many of the officers were on the Chicago and were recalled by signals just before the vessel sailed. About 150 visitors were on board from Tampa and the hotel.

Mrs. Lieut. Holcomb and Mrs. Pope, of Annapolis, were guests of the Tampa Hotel for a few days, on their return from an extended visit to Cuba.

Lieut. T. B. M. Mason relieved Lieut.-Comdr. A. R. Couder as Executive Officer of the Atlanta on Thursday. Lieut.-Comdr. Couder left for Washington on Friday, from Tampa. U. S. N.

A COMMITTEE.

(From the New York Herald.)

"THAT new torpedo boat," said Senator Haydock, chairman of the Naval Committee, "seems to have gone down well with the experts, although the fact has not been mentioned to the submarine. I think that it, for divers reasons, the Navy Department should see fit to order a number of these boats, the cost should be defrayed from the sinking fund."

PATENTS FOR MILITARY INVENTIONS.

A selected list of patents reported especially for the U. S. ARMY AND NAVY JOURNAL, by Munro and Co., Patent Attorneys, 361 Broadway, New York City, all bearing date of April 7, 1891:

J. Williams, Portland, Oregon, new lock for boats, 450,387.

M. A. Woir, London, England, device for forming and deciphering secret communications, 449,723.

H. S. Maxim, Crayford, England, process of and apparatus for making explosives, 449,857.

H. W. Whitelaw, San Francisco, Cal., breech-loading gun, 449,988.

E. R. Von Skoda, Pilzen, Austria-Hungary, breech-loading ordnance, 449,711.

M. G. Paul, Theresa N. Y., screw propeller, 449,882.

O. J. B. Boeschager, Mount Angel, Oregon, vessel propeller, 449,904.

B. B. Ward, New York, N. Y., electric search light, 449,719.

10,000 men of the British Army are constantly disabled by sickness, or more than 5 per cent.

SANITARY measures have reduced the death rate of the British East Indian Army from 60 per 1,000 to 15.20, or nearly three-fourths.

AFTER the recruiting sergeants have sifted out the obviously ineligible, 47 per cent. of the candidates for the British Army are rejected, as not coming up to the requirements of 5 ft. in. height and 33 in. chest measure.

ACCORDING to a statement credited to Marshal Canrobert, Prince Napoleon's conduct under fire was admirable, and he commanded his division at the battle of the Alma with a courage and a calmness only, as a rule, to be expected from those accustomed to battlefields.

A SOCIALISTIC propaganda is said to be undermining the fidelity of the German Army, as well as the armies of Austria and Italy.

In a speech at Grimsby April 1 Mr. Stanhope, Secretary for War, announced that the Government had determined that every new vessel built in England which was big enough for the purpose, and the owner of which was willing to accept the Government's conditions, should be fitted to receive armament on the shortest notice.

THE octogenarian physician, Baron Larrey, has been writing an exhaustive biography of Mme. Letitia Bonaparte, the mother of Napoleon. It is said that he has devoted all the spare hours of a busy life to the collection of all sorts of documents relating to "Madame More," whom he regards as the best, most beautiful and most intelligent woman of her time.

THE funeral of Mrs. Strutt, the English nurse of the present Emperor of Russia and Duchess of Edinburgh, and all the rest of the children of Alexander II., took place at St. Petersburg recently. The Emperor and the Grand Dukes followed the coffin on foot, and the Empress and the Grand Duchesses in mourning carriages. Mrs. Strutt was appointed head nurse to the Imperial household 46 years ago, at the birth of Alexander III.

THE plan of erecting the British Australian colonies into a commonwealth is almost an accomplished fact. The Governor General will be appointed by the crown, but local matters will be controlled by a colonial parliament. In defining the relations between the various colonies and the general government, and in the arrangement of governmental functions under three co-ordinate heads, the American example has been intentionally followed.

KNABE
PIANO FortES.
UNEQUALLED IN
Tone Touch, Workmanship, and
Durability.
WILLIAM KNABE & CO.
BALTIMORE : NEW YORK :
22 & 24 E. Baltimore St. 148 5th Av. n't 20th St.
WASHINGTON : 817 Market Space.

THE SHURLY CO., 56 RANDOLPH
ST., Central Music Hall, CHICAGO.
WATCHMAKERS & MANUFACTURING
JEWELERS, Watches, Diamonds, Solid
Silver, Plated Ware, Jewelry, etc. Army
and Silver Badges. Watch repairing & Diamond
setting a specialty. Goods sent on approval.

OLD RELIABLE STORE.
Fine French China & Best Porcelain
AT LOWEST PRICES.

Dinner Sets, 100 pieces, all colors, \$10.00 to \$20.00
Fine White Porcelain Dinner Sets, 100 pieces, \$14.00
Fine French China Dinner Sets, 100 pieces, \$22.00
Richly Decorated China Tea Sets 50 p's. \$6 to 15.00
Decorated Chamber Sets, 12 pieces, \$10.00
Draped Chamber Sets, 12 pieces, \$10.00
Royal Pictorial Ware and Cutery.

Prior and Hanging Houses, House Furnishing
Goods. Catalogue and Price List free on application.

VERRINDER & CO.,
1-17 COOPER INSTITUTE, NEW YORK.
Orders packed and placed on air or steamer free of charge. Sent on receipt of Money Order or Draft.

"SUPERIOR NUTRITION—THE LIFE."

IMPERIAL GRANUM
THE GREAT MEDICINAL FOOD

THIS ORIGINAL AND WORLD RENOWNED DIETETIC PREPARATION IS A SUBSTANCE OF UNRIVALLED PURITY AND MEDICINAL WORTH. A SOLID EXTRACT DERIVED BY A NEW PROCESS FROM VERY SUPERIOR GROWTHS OF WHEAT—NOTHING MORE. IT HAS JUSTLY ACQUIRED THE REPUTATION OF BEING THE SALVATOR FOR

INVALIDS
AND THE AGED.

AN INCOMPARABLE ALIMENT FOR THE GROWTH AND PROTECTION OF INFANTS AND

CHILDREN
A SUPERIOR NUTRITIVE IN CONTINUED
FEVERS AND A RELIABLE REMEDIAL AGENT
IN ALL DISEASES OF THE STOMACH AND INTESTINES.

SOLD BY DRUGGISTS

SHIPPING DEPOT—JOHN CARLE & SONS, NEW YORK

Hinney Bros.
HIGH CLASS BRAND.
"LATEST ENGLISH"
CIGARETTES.
A Perfect Smoke.

Official Manual of Guard Duty,

BY LIEUT. L. W. V. KENNON, U.S.A.
PUBLISHED BY THE AUTHORITY OF THE WAR DEPT.

By mail, postpaid, 75 cents Extract including so much of Manual as relates to the duties of the private soldier, postpaid, 10 cents.

Address JAMES Q. RICE, Washington, D. C.

The GREAT ARMORY LIGHT
FRINK'S Patent Reflectors for Gas or Oil, give the most powerful, softest, cheapest and best light known for Armories, Churches, Stores, Show Windows, Banks, Theatres, Depots, etc. New and elegant designs, and sizes of round, Gas circular and elliptical. A liberal discount to Armories, Churches and the trade. Don't be deceived by cheap imitations. L. P. FRINK, 531 Pearl St., N. Y.

DELICIOUS MINCE PIES
EVERY DAY IN THE YEAR.

NONE SUCH
CONDENSED

Mince Meat

HIGHEST AWARD

received at all Pure Food Expositions for Superior Quality, Cleanliness, and convenience to housekeepers.

No Alcoholic Liquors.

Each Package contains material for two large pies. If your grocer does not keep the None Such brand, send 20c. for full size package by mail, prepaid.

MERRELL & SOULE, SYRACUSE, N. Y.

Arnold, Constable & Co.
SPRING DRESS COTTONS.

D. & J. ANDERSON'S
CELEBRATED ZEPHYRS,
PLAIDS, STRIPES AND CHECKS.

New designs and beautiful colorings. Unequalled for wear by any other cotton fabric.

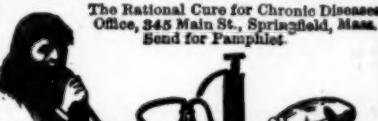
FRENCH PRINTED CAMBRICS.
Elegant Designs and Choice Colorings for Dresses and Shirts.

ANDERSON'S Suiting and Shirting Cheviots
BROADWAY AND 19TH ST., NEW YORK.

What is **The Library of American Literature**?
It will pay you to find out by writing to C. L. WEBSTER & CO., 3 E. 14th ST., NEW YORK.

COMPOUND OXYGEN TREATMENT.

The Rational Cure for Chronic Diseases.
Office, 345 Main St., Springfield, Mass.
Send for Pamphlet.



It is with great pleasure that we are able to present to our patrons COMPOUND OXYGEN in such shape that those at a distance can receive exactly the same treatment as if they were able to visit our office daily. U. S. COMPOUND OXYGEN CO., Springfield, Mass.

E & H. ANTHONY @ 591 BROADWAY NEW YORK
ESTD 1842 PHOTOGRAPHIC OUTFITS AND SUPPLIES
SEND FOR CATALOGUE

ESTERBROOK'S
STEEL PENS.



Leading Nos. 14, 048, 128, 130, 135, 333, 161.

For Sale by all Stationers.

THE ESTERBROOK STEEL PEN CO.,
Works, Camden, N. J. 35 John Street, New York.

TRADE MARK
Patented
J. Gardner's
Hygienic
Underwear.

VENTILATED INTER-AIR-SPACED CLOTHING.

Adapted to all climates and all variations of temperature. Sold by leading merchants in all principal cities. Illustrated catalogues mailed free on application to

HARDER FABRIC CO., Troy, N.Y.

Mention this Paper.

H. H. BABCOCK COMPANY,
FINE CARRIAGE.



We build everything wanted in a fine carriage.

Buckboards in a large variety, with 1, 2 or 3 seats, with or without canopy top.

Our Broughams, Victoria, Rockaways, T-Carts,

Cabriolets, Phaetons, and many styles of Natural Wood work, are all the latest.

Send for cuts of our latest productions.

Best of all is a vehicle made with our "Happy Thought" springs; it is the lightest and easiest riding wagon in the market.

No spring equal to it, all other claims to the contrary.

Factory and Main Office, WATERTOWN, N.Y.

New York City, 408 to 412 BROOME STREET, J

It is stated that plans are now completed for the Paris Ship Canal, and that the work will shortly be commenced. The depth will be 6.20 metres. The cost is estimated at 130 million francs. The voyage from the sea to the capital will occupy about 17 hours, and it is intended to fix the charge at 6 francs a ton for up and return voyage.

MUCH anxiety is felt in England at the disappearance in Persia of Capt. Edmund Burton and Capt. Vaughan, the former one of the eight soldier sons of Gen. Burton, author of "An Indian Olio" and "Reminiscences of Sport in India." Captains Burton and Vaughan, having obtained a year's leave, left India in the autumn with the intention of prospecting a new route to the Russian frontier through an unexplored portion of Persia, and were to return last month, but nothing has been heard of them since November, 1890.

A GREAT sensation was caused in St. Petersburg recently by the suicide of Baron von Kaufman, adjutant of the Czar and son of the conqueror of Samarsk. The Baron was one of the most popular men in Russian society, and a well-known sportsman. While setting in a restaurant, a short time ago, the young cavalry officer became involved in a dispute with an infantry officer and a naval lieutenant. The dispute ended in fistcuffs. Kaufman had severely criticized the Russian infantry. Every effort was made to keep the matter secret. That was impossible, however, and Kaufman, fearing that his career would be ruined in case the affair became the subject of an investigation, decided to put an end to his life.

THE Leeds (Eng.) Mercury reports that frauds in the construction of fortresses on the German frontier have been discovered in Russia. A thin outer layer of half bricks concealed a hopelessly rotten fabric composed of the veriest rubbish—gravel, brick dust, sand and chalk—the whole being utterly incapable of withstanding a cannonade by guns of the smallest calibre. The chief constructor of the fortress was arrested and tried by court-martial, but he escaped with so light a penalty as dismissal

from the Service, it having been proved that he suffered from a painful affection of the eyes. The Fortress of Doubno was inspected by the Grand Duke Nicholas and he found the walls built so contrary to the rules of military engineering that an order was issued that they be rebuilt. The chief constructor blew out his brains, and all his subordinates who were in any degree responsible were sent to Siberia.

DINING CARS TO WASHINGTON.

PULLMAN Dining Cars are now running between New York, Philadelphia, Baltimore and Washington via Royal Blue Line on the famous 5 hour train, leaving New York 11:30 A. M., arriving Washington 4:30 P. M., also on the fast Express leaving New York 3:30 P. M., arriving Washington 8:55 P. M. The fact that the cars are under the direction of the Pullman Company is a sufficient guarantee as to the quality of the service. Station foot of Liberty Street.

DESPITE the fact that March is usually a dull month among manufacturers of house heating apparatus, the Gorton and Lidgewood Company, New York, have been exceedingly busy. They report an increase of over fifty per cent. in the sales of their Gorton house-heating boilers, this year over the corresponding month in 1890. This is a big jump and speaks volumes for the popularity of their specialty.

WE would direct attention to the advertisement in our columns of the old established house of Verinder and Co., 1-17 Cooper Institute, New York City. This firm have about everything in the line of house furnishing goods. In their stock will be found a full assortment of fine French china; one especially attractive dinner set of Wedgwood's best English Porcelain, decorated in delicate Pencil Color, Celia Pattern, 100 pieces, \$12.50. Full description can be had on application for catalogue. Mailed free.

ARMOUR AND CO. have published a new receipt book showing the use of Armour's Extract of Beef in Soups and Sauces. Among the receipts are the following, which are said to be excellent: Bisque of Fish, Fowl, or Game.—Chop up one pound of meat very fine, melt two ounces of butter, adding three tablespoons of sifted flour; when smooth add one pint of rich soup stock or Consommé No. 2, stirring well avoiding lumps; when boiled up add the meat, one tablespoon of fresh butter, one pint of cream, salt, pepper and mace to taste, boil up and serve. White Wine Sauce.—Place on the fire a glass of white wine with two whole cloves six peppercorns, a tablespoon of sugar, reduce for five minutes, adding one-half pint of stock No. 1, then a teaspoonful of Armour's Extract of Beef—simmer ten minutes—strain and serve with tenderloin of beef. This cool book can be had free by addressing Armour and Co., Chicago, Ill.

R. W. TANSILL CO., Chicago, invite all CANTEENS to address them concerning their \$25,000 cash distribution to Soldiers, as it is something of interest to Soldiers.

BIRTHS.

HINDS.—At Fort Preble, Me., April 5, to the wife of Lieut. Ernest Hinds, 3d U. S. Artillery, a daughter.

MARRIED.

BATES—EVERTS.—At Binghamton, N. Y., March 31, P. A. Boginger, A. E. BATES, U. S. Navy, to Miss FANNIE EVERTS.

WELLINGKAMP—GARDNER.—At Washington, D. C., March 21, Mr. C. E. WELLINGKAMP to Miss MAMIE GARDNER, daughter of Colonel H. Gardner, U. S. Army, retired.

WHITTINGHAM—RUTHERFORD.—On Thursday, April 2, 1891, at the Church of the Epiphany, Washington, D. C., by the Rev. Richard Whittingham, father of the groom, assisted by the Rev. Dr. McKim, rector of the church, Mr. RICHARD ALBERT WHITTINGHAM, of Philadelphia, Pa., to Miss BESSIE RUTHERFORD, daughter of Colonel Robert G. Rutherford, U. S. Army, of Washington, D. C.

DIED.

CLARKE.—At Washington, D. C., April 8, Major ROBERT D. CLARKE, U. S. Army, retired.

MARKBREIT.—At Cincinnati, Ohio, Mrs. MARKBREIT, mother of Mrs. A. V. Kautz.

THE MUTUAL LIFE INS. CO. OF NEW YORK.

RICHARD A. McCURDY, Pres.

ROBT. A. GRANNISS, Vice-Pres.

Assets, over - - \$147,154,961.00.

This great Company has recently established a MARITIME DEPARTMENT particularly designed for promoting its system of LIFE INSURANCE among Captains, Engineers and Officers of the Commercial Marine, U. S. Army and Navy and the Revenue Marine. The Special Bureau of the Company, instituted in 1887 for the particular claims of the United Service and which has attained a distinct and permanent success, will be henceforth included in this new Department. Attention is particularly called to the fact that the extra premium charges heretofore made to ARMY, NAVY and REVENUE MARINE Officers will be dispensed with, the rates in the future being on the same basis as for persons in civil life and ordinary business.

CAPTAIN H. R. FREEMAN, formerly in the Cromwell Line Steamer Hudson in charge of the new Department, and will be pleased to extend the courtesies of the office to officers of the United Service.

MUTUAL LIFE BUILDING, No. 59 Cedar Street, New York.

THE DAVIDSON STEAM PUMP & PUMPING ENGINES.
Warranted the BEST for all Situations.

MARINE PUMPS A SPECIALTY.
Manufactured by
M. T. DAVIDSON
43-53 Keap St.
77 Liberty St., N.Y.
Brooklyn, N.Y.

GOLD
make as safe an investment as is possible.
Debentures issued by this Company

Interest never in default.

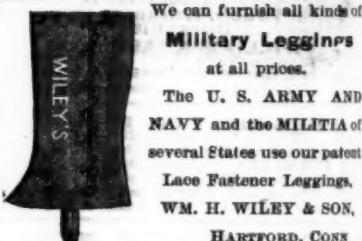
SAFETY Better than High Rates.

Let us tell you what we can do for you for an investment either in bonds or loans.

Assets April 30, '90, \$3,342,202.

AMERICAN INVESTMENT CO.
150 Nassau Street, N. Y. City.

E. S. ORMSBY, President.
A. L. ORMSBY, Vice.
H. E. SIMMONS, Pres.



We can furnish all kinds of
Military Leggings
at all prices.

The U. S. ARMY AND
NAVY and the MILITIA of
several States use our latest
Lace Fastener Leggings,
WM. H. WILEY & SON,
HARTFORD, CONN.

FINE CHINA.

Beautifully Illustrated Catalogue of Fine China, Art Pottery, Rich Cut Glass, Wedding Gifts, etc., mailed free, upon application to

HIGGINS & SEITER, 50 & 52 West 23d St. N. Y.

INVESTORS Mortgages

Bonds Stocks
Paying 6%
8 1/2%
10%
WE HAVE HAD
20 Years' Experience
IN INVESTMENTS.

Never Lost a Dollar

In every instance Interest and Principal has been paid at maturity.

WE HAVE RETURNED TO INVESTORS

\$13,000,000
realizing 5 per cent., to 12 per cent. interest.

We never handle any security that we do not absolutely control. The investments we now have are as secure as any we have ever offered, and pay more interest than any we have offered in the last ten years. We can refer to the leading banks in New York and to our 4,000 patrons. We are under the supervision of the Banking Department of New York State.

J. B. WATKINS L. M. CO.
319 Broadway, New York
HENRY DICKINSON, Manager.

FOREIGN DRESS GOODS

This week we shall place on sale 900 pieces Dress Goods of foreign manufacture, Rough Camel's Hair, Tweeds, Home-spuns, and Cheviots in the irregular checks and knotted effects so greatly in favor.

Handsome Diagonals, Whip Cords, and Bedford Cords in the fashionable tans and grays, as well as many other desirable shades difficult to obtain.

Paris and other Foreign-made Robes embroidered in gold, silk, and tinted tinsels; French Cashmere Robes with tasseled fringe needle-work, at \$17.50.

Our stock of silk-and-wool fabrics, Lansdowne, Cloriosa, and Bengaline, is the best that can be procured.

These goods are uncommonly handsome, and to them we invite general attention.

JAMES McCREERY & CO.

BROADWAY AND 11th ST.
NEW YORK.

W. B. TILTON & BAY STATE GUITARS.
Bay State Mandolins and Banjos, all prices. Catalogue free.
W. L. HAYDEN, Boston, Mass.
DARKIES DANCE, latest great hit for guitar, very easy, 30c. Mention this paper.

VALVE GEARS,

BY
PROF. H. W. SPANGLER,
(Late of U. S. Navy.)
8vo, cloth, \$2.50.

JNO. WILEY & SONS,
53 East 10th St., New York.



PATENT BINDER

For Filing the
Army and Navy Journal.
By mail, postpaid....\$1.25
Delivered at office.... 1.00

Trade against fraud. Price \$15 per case.
E. J. TAYLOR, JR. & SONS, Frankfort, Ky.



EVERY HUMOR OF THE SKIN AND
Scalp of Infancy and childhood, whether
torturing, disfiguring, itching, burning, scaly,
crusted, pimply, or blotchy, with loss of hair,
and every impurity of the blood, whether
simple, scrofulous, or hereditary, is speedily
permanently, and economically cured by the
CUTICURA REMEDIES, consisting of CUTICURA, the
great Skin Cure, CUTICURA SOAP, an ex-
quisite Skin Purifier and Beautifier, and CUTI-
CURA RESOLVENT, the new Blood Purifier
and greatest of Humor Remedies, when the
best physicians and all other remedies fail.
Parents, save your children years of mental
and physical suffering.

Sold everywhere. Price, CUTICURA, 50c.;
SOAP, 25c.; RESOLVENT, \$1; Prepared by Pot-
ter Drug and Chemical Corporation, Boston.
Send for "How to Cure Skin Diseases."

Baby's skin and scalp purified and
beautified by CUTICURA SOAP.

Kidney pains, backache, and muscular
rheumatism relieved in one minute by
the CUTICURA ANTI PAIN PLASTER, 25c.

GRATEFUL—COMFORTING.

EPPS'S COCOA

BREAKFAST.

"By a thorough knowledge of the natural laws which govern the operation of digestion and nutrition, and by a careful application of the fine properties of well-selected Cacao, Mr. Epps has provided our breakfast tables with a delicately flavoured beverage which may save us many heavy doctor bills. It is by the judicious use of such articles of diet that a constitution may be gradually built up until strong enough to resist every tendency to disease. Hence, the power of maladies to float around us ready to attack where there is a weak point. We escape many a fatal shaft by keeping ourselves well fortified with pure blood and a properly nourished frame.—Civil Service Gazette.

Made simply with boiling water or milk. Sold only in half-pound tins, by Grocers, labelled thus:

JAMES EPPS & CO., Homoeopathic Chemists,
London, England.



10 cases of 12 Bottles or 12 Jugs. Every bottle
bears a steel engraved portrait of our Senior
and our autograph signature to protect the
Trade against fraud. Price \$15 per case.
E. J. TAYLOR, JR. & SONS, Frankfort, Ky.

90 DAYS TRIAL.
DR. DYES VOLTAIC BELT
FOR MEN ONLY.

And ELECTRIC SUSPENSORY APPLIANCES ARE
Sent on 90 Days Trial

TO MEN (young or old) suffering with NERVOUS
DEBILITY, LOSS OF ENERGY, LAZINESS, WEAKNESS,
AND OTHER SIGNS OF A PROFOUND NATURE, resulting
from ABUSES and OTHER CAUSES. Quick and
Complete Restoration to HEALTH, VIGOR and MAN-
HOOD. Also for RHEUMATIC, all KIDNEY TROUBLES
RED MEAT, other Diseases. THE BEST ELECTRIC APPLI-
ANCES and DRAWS. Full particulars sent in Plain Sealed
ENVELOPE. Address

VOLTAIC BELT CO., Marshall, Mich.

F. J. KALDENBERG CO.,
MANUFACTURERS OF
Meerschaum and French Briar Pipes.
and all kinds of SMOKERS' ARTICLES, WALKING STICKS, etc. Special attention given to ordered work, and repairing. Send for our Illustrated Price List.
P. S. All Genuine French Briars of our make are stamped F. J. K. in a Sunbeam.
211-229 EAST 33d STREET, NEW YORK.

M C I N N E S'
ENGLISH
PATENT METALLIC COMPOSITION
AND "PROTECTIVE COATING" FOR BOTTOMS OF STEEL and IRON SHIPS.
Is used by all the Principal Lines of European and American Steamers and Steam Yachts.
It is the "fastest" coating for Ships or Yachts.
GEORGE N. GARDINER, Sole Agent for the U. S.
Telephone Call, 3070 Cortlandt. 53 SOUTH ST., NEW YORK.

Army, Navy and National Guard Contractors.
Button, Military Ornament and Accoutrement Manufacturers.
HENRY V. ALLIEN & CO.,
Successors to HORSTMANN BROS. & ALLIEN.
738 BROADWAY, New York.

BUCKEY STEAM SHOVEL & DREDGE CO.,
BUCKEY, OHIO
MAKERS OF
Steam Dredges,
FOR
Engineers, Contract Work,
Harbor and River Uses,
Canals, Slips, &c., &c.
STEAM DITCHING MACHINES.

LIDGERWOOD MFG. CO.
MANUFACTURERS OF
HOISTING ENGINES
For Contractors, Pile Driving, Bridge and Dock Building, Excavating, &c.
300 STYLES AND SIZES.
OVER 7,000 IN USE.
96 Liberty St., N. Y.
34-36 West Monroe St.,
Chicago, Ill.
187 to 203 Congress St.,
Boston.
1 to 7 N. First St.,
Portland, Oregon.

Remington Standard Typewriter

Will
Economize Time,
Reduce Labor,
Preserve Health,
Save Money,
Prevent Errors.



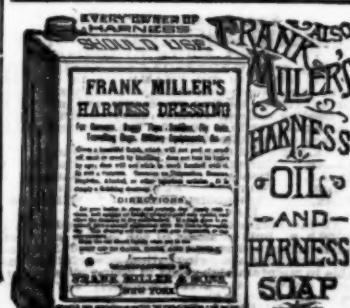
SEND FOR ILLUSTRATED CATALOGUE.

WYCKOFF, SEAMANS & BENEDICT,
327 Broadway, New York.

DENISON JOHN W. MORRIS,
Washington, D. C.
Successfully Prosecutes Claims.
Late Principal Examiner U. S. Pension Bureau.
Says in last war, 15 adjudicating claims, city since

"NEVER-BREAK"
steel cooking utensils never warp, scale, crack, absorb grease, or taste of previous cooking. They are a complete revolution—always nice, always clean, and you can't break them. For post or camp they are not only a luxury, but a real necessity. Every officer in the army or navy will be delighted to have "NEVER-BREAK". Send for illustrated circular.
THE BRONSON SUPPLY CO. Cleveland, O.

7% City Mortgages Only 8%
FOR PARTICULARS ADDRESS
Tacoma Investment Co. 10%
TACOMA, WASH.



Use Torrey Razors & Strops. Satisfaction guaranteed. J. H. Torrey Razor Co., Worcester, Mass.

Amateur Photographers, Etc., should read Aadv't. of Scovill & Adams Co., in last issue

Fine Writing Paper by the Pound. Samples free. Sam'l Ward Co. 40 Franklin St., Boston.

INSTRUCTION.

BRYANT SCHOOL, ROSLYN, L.I.

and Bryant Summer School.

"The Most Beautiful School in the World." Salt Water; Bathing; Sailing; Cool Nights. Cool Spring Water; Elegant Stone Building. Extensive Views of Lake, Bay, and Sound. Shady Forest; 14 Acre Lawn; Cost \$250,000. A Thorough Education in All Branches. Fit for College, Business, or Gov't Academies.

HEMPSTEAD INSTITUTE, Hempstead, L.I.,
and **HEMPSTEAD SUMMER INSTITUTE.**
Open through the Summer and Whole Year. A classical and English Seminary for both sexes. Modern languages free of charge. Special facilities in music. Preparatory for College. Chemical Laboratory. Building roomy, airy, well shaded. Beautiful surroundings. 40 minutes from New York. \$100 a year.

OHIO MILITARY ACADEMY.—FOUR courses of study: Infantry, Cavalry and Artillery drills. Beautiful and healthful location. Newly refitted. Illustrated Catalogue on application. Portsmouth, O.

ST. MATTHEW'S HALL,
SAN MATEO, CALIFORNIA,
SCHOOL FOR BOYS. Military discipline. Twenty-fourth year.

Rev. ALFRED LEE BREWER, M.A. Rector.

The Michigan Military Academy
Location 25 miles from Detroit; pleasant and healthful. Complete military discipline and thorough school work. Address Lt. F. T. VAN LIEW, 2d Inf., Adj't., Orchard Lake, Mich.

THE REED SCHOOL.—MISS JULIA G. MC CALLISTER, Principal, succeeding Mrs. Sylvanus Reed, who continues as visitor. 27th year begins Wednesday, October 1st, 6 and 8 East 53d Street, New York City.

PROPOSALS FOR ARMY SUPPLIES.—Office Purchasing and Depot Commissary, Army Building, No. 39 Whitehall Street, New York City, March 20th, 1891.—Sealed proposals in triplicate, subject to the usual conditions, will be received at this Office, until 10 o'clock A. M., on Monday, April 13th, 1891, for furnishing such supplies as may be required by the Subsistence Department, United States Army. Subsistence Stores—Coffees, Tea, Macaroni, Mustard, Olive Oil, Peas, Prunes, Toilet Soaps, Towels, etc., etc., etc. *Subsistence Property*—Information in schedule list. Preference given to all articles of "domestic production and manufacture," for such details see schedule. Information with conditions, list of articles, quantities, kind, modes of packing, etc., obtained at this Office. The right is reserved to reject any or all proposals. Envelopes containing bids, should be marked "Proposals for Subsistence Supplies, opened April 13th, 1891," and addressed to the undersigned. G. BELL, A. C. G. S., U. S. A.

PROPOSALS FOR FRESH BEEF.—Office of Commissary of Subsistence, Davids Island, N. Y., April 2, 1891.—Sealed proposals, in triplicate, subject to the usual conditions, with a copy of this advertisement attached, will be received at this office until 11 o'clock, A. M., on SATURDAY, MAY 2, 1891, and then opened, for furnishing the fresh beef required by the Subsistence Department, U. S. Army, at David's Island, N. Y., for the fiscal year commencing July 1, 1891. Proposals must be accompanied by a guarantee with two sureties in the sum of \$1,000 and in accordance with the form prescribed. A proposal unaccompanied by such a guarantee will not be considered. The successful bidder will be required to enter into a written contract with the United States with good and approved security in the sum of five thousand dollars (\$5,000), within ten days after being notified of the acceptance of his proposal. The Government reserves the right to reject any or all proposals. Proposals must be enclosed in sealed envelopes and marked, "Proposals for Fresh Beef," and addressed to Captain J. MC HYDE, A. Q. M., U. S. Army, Acting Commissary of Subsistence.

OFFICE OF THE POST QUARTERMASTER, West Point, N. Y., March 16, 1891.—SEALED PROPOSALS, in triplicate, will be received at this office until noon, Thursday, April 16, 1891, for the construction of an Academic Building. Plans can be seen and forms and specifications obtained at this office or at the office of Mr. R. M. Hunt, architect, Tribune building, New York City. The right is reserved to reject any and all proposals. WILLIAM H. MILLER, Capt. and A. Q. M., U. S. Army.

GLOVER'S ISLAND, N.Y.H., April 6th, 1891. Sealed proposals, in triplicate, for furnishing such quantities of Fuel, Forage and Straw as may be required in Division of the Atlantic during fiscal year commencing July 1, 1891, will be received here and at offices of Quartermasters at Baltimore, Md.; Boston, Mass.; Buffalo, N. Y.; New Orleans, La.; Fort Brady, Mich.; Fort Mackinac, Mich.; Fort Wayne, Mich.; Fort Niagara, N. Y.; Fort Ontario, N. Y.; Madison Barracks, N. Y.; Plattsburgh Barracks, N. Y.; Fort Preble, Me.; Fort Adams, R. I.; Fort Trumbull, Conn.; Fort Monroe, Va.; Fort Thomas, Ky.; Newport Barracks, Ky.; Fort McPherson, Ga.; St. Francis Barracks, Fla.; Fort Barrancas, Fla.; and Mount Vernon Barracks, Ala., until 12 o'clock noon, eastern time, on TUESDAY, May 5th, 1891, and then opened. The United States reserves the right to reject any or all proposals. All information furnished on application to this office, or to Quartermasters at posts named above. Envelopes containing bids will be endorsed "Proposals for—" CHAS. H. TOMPKINS, Assistant Quartermaster General, U. S. Army.

GOLD MEDAL, PARIS, 1878.

W. BAKER & CO.'s
Breakfast
Cocoa

from which the excess of oil has been removed, is
Absolutely Pure
and it is Soluble.

No Chemicals

are used in its preparation. It has more than three times the strength of Cocoa mixed with Starch, Arrowroot or Sugar, and is therefore far more economical, costing less than one cent a cup. It is delicious, nourishing, strengthening, EASILY DIGESTED, and admirably adapted for invalids as well as for persons in health.

Sold by Grocers everywhere.

W. BAKER & CO., Dorchester, Mass.

HOTELS.

Grand Hotel.—Broadway & 31st St., N. Y. Special rates to Army and Navy Officers. European plan. Henry Milford Smith & Son, Pr.

Hotel Glenham.—155 Fifth Avenue New York. European Plan. Desirable single rooms, \$1 per day. N. B. BARRY, Prop.

MANSION HOUSE, BROOKLYN HEIGHTS, N. Y.

Directly opposite Wall St., N. Y., 4 minutes' walk from Wall St. or Fulton St. Ferry and the Bridge. Reasonable rates. Select family and transient hotel. 200 rooms. J. C. VAN CLEAF, Prop.

HOTEL NORMANDIE.
Broadway and 38th Street, New York. European Plan with Superior Restaurant. Hotel first-class and Absolutely Fire Proof. Special attention to Army and Navy Officers.

EARLE'S HOTEL.
Cor. Canal and Centre Streets, New York. On the American Plan. Downtown headquarters for Army & Navy. Room and Board, \$2.50 per day.

NORMANDIE-BY-THE-SEA.
Normandie (near Seabright), New Jersey. Fronting on the Ocean and River. Open from June to September 15th. Seaside headquarters for Army and Navy. FERNAND P. EARLE, Owner & Prop.

MAGNOLIA SPRINGS HOTEL.

MAGNOLIA SPRINGS, FLA.

On the St. Johns River.

NOW OPEN.

One of the most elegant Hotels south of New York. All modern appointments; capacity, 400; steam yacht; sail and row boats; driving and saddle horses; orchestral music. The SPRING WATER is unsurpassed.

For terms, ILLUSTRATED BOOK, etc., address A. C. COLEMAN, Manager.

New Hotel Lafayette
PHILADELPHIA.

TERMS

American Plan, \$3, \$3.50 and \$4—Baths Extra
European Plan, \$1, \$1.50 and \$2—Baths Extra
L. U. MALTBY.

THE EBBITT:
WASHINGTON, D. C.

ARMY AND NAVY HEADQUARTERS.
Eight Iron Fire Escapes.

BURCH & GIBBS, MANAGERS

GOLD MEDAL PARIS 1889.

THE BELGIAN LAMP

THE LEADING LAMP OF THE WORLD.
Endorsed by U. S. Light-House Department.

This is the perfection of kerosene lamps. It gives a perfectly white and steady light, far more powerful than that of any other made. Over 800,000 Lamps Sold Yearly.

MANUFACTURED BY THE
AMERICAN BELGIAN LAMP CO.
31 Barclay St., New York.

SEND FOR ILLUSTRATED CIRCULAR.

Highest of all in Leavening Power.—Latest U. S. Government Food Report.

Royal Baking Powder

ABSOLUTELY PURE

"POINTERS" GIVEN AWAY



To all who are interested in Rifle, Pistol or Shot Gun Shooting and desire to economize by reloading their empty shells, we will send our illustrated circular containing descriptions and prices of IDEAL RELOADING Tools, which will give them a few "pointers" on how to prepare their own ammunition.

Address: IDEAL MFG. CO., Box 1084, New Haven, Conn.

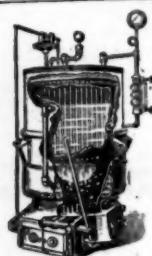
PLEASE MENTION ARMY AND NAVY JOURNAL.

ESTABLISHED 1847 RIDABOCK & CO.

(Formerly BAKER & MCKENNEY)

MILITARY EQUIPMENTS,
141 GRAND STREET, NEW YORK.
LEATHER SWORD KNOTS.

LAUNDRESES, ATTENTION!!!
Look at the CATARACT WASHING MACHINE in use at every Post Hospital. With it a child can do a day's washing and you will have no more tired back or wet feet. Price \$30. Circular on application to
CATARACT WASHING MACHINE CO., 74 Cortland St., New York.



The "Corton" Boiler.
ECONOMICAL IN FUEL,
AUTOMATIC, SELF-FEEDING,
Wrought-Iron, Tubular and Sectional.

SEND FOR GOVERNMENT REFERENCES.

CORTON & LIDGERWOOD CO.,
96 Liberty St., New York,
BOSTON. CHICAGO.



ROCK DRILLING AND AIR COMPRESSING MACHINERY
For Tunnels, Quarries, Mines, Railroads,

And wherever Ore and Rock are to be drilled and blasted.
RAND DRILL COMPANY,
23 Park Place, New York, U. S. A.



THE CONTINENTAL IRON WORKS,
CORRUGATED BOILER FLUES,

Under their own patents and those of SAMSON FOX, Leeds, England. Made in sizes from 28 in. to 60 in. diameter, with flanged or plain ends.

THOS. F. ROWLAND, Pres.

SEND

For Our Fifth Edition.
**HOW TO SELECT,
Lay & Paint
A TIN ROOF.**
Sent Free of Cost.
MERCHANT & CO.
PHILADELPHIA. CHICAGO.
NEW YORK. KANSAS CITY.



ON DECK AFTER THE FIRE.

We are now nicely situated in our new quarters and are READY FOR BUSINESS. Send in your orders for "Chubb's" Trade Mark Rods and Angling Supplies. We have a few of those elegant Catalogues left, with colored plates of Flies and Angling Papers. Send 25c. for Catalogue. This amount may be deducted from first order for goods amounting to \$1.00 or more by enclosing coupon found in Catalogue.

THOS. H. CHUBB,
THE FISHING ROD MANUFACTURER,
POST MILLS, VT.

F. J. HEIBERGER,

ARMY & NAVY MERCHANT TAILOR,
15TH ST., opposite U. S. Treasury,
WASHINGTON, D. C.

AN EXTRAORDINARY RAZOR
HAS BEEN INVENTED by the QUEEN'S OWN COMPANY of England. The edge and body is so THIN and FLEXIBLE AS NEVER TO REQUIRE GRINDING and hardly ever setting. It glides over the face like velvet, making shaving a luxury. It is CREATING A GREAT EXCITEMENT in EUROPE among experts, who pronounce it PERFECTION. \$2.00 in buffalo handle; \$3.00 in ivory. Every razor, to be genuine, must bear on the reverse side the name of NATHAN JOSEPH, 641 Clay Street, San Francisco, the only place in the United States where they are obtained. Trade allowed. Sent by mail. inc. extra or C.O.D.



HOLLOWAY READING STAND.
Dictionary Holder, Bookrest, Lamp Stand and Card Table combined. Holds book open for sitting or lying down reading. Send for Illustrated Catalogue.

THE HOLLOWAY CO., Cuyahoga Falls, O.

NEW ENGLAND MUTUAL LIFE INSURANCE COMPANY,

Post Office Square, Boston, Mass.
Assets, Dec. 31, '90 \$21,102,654.30
Liabilities, - - 19,072,124.16

\$2,030,530.14

Officers of the Army and Navy insured without extra premium except when engaged in actual warfare. An extra premium not paid at the assumption of the war risk does not invalidate the policy but simply becomes a lien upon it.

Liberty of residence and travel, on service, in all countries, at all seasons of the year, without extra charge.

Every policy has enforced thereon the cash surrender and paid-up insurance values to which the insured is entitled by the Massachusetts Statute.

LIFE RATE ENDOWMENT Policies are issued at the old life rate premium, Annual Cash distributions are paid upon all policies.

Pamphlets, rates and values for any age sent on application to the Company's Office.

BENJ. F. STEVENS, President.
JOS. M. GIBSONS, Vice Pres.
S. F. TRULL, Secretary.
WM. B. TURNER, Asst. Sec.

ALLAN RUTHERFORD

late Third Auditor U. S. Treasury, late Capt. U. S. Army and Colonel of Volunteers, ATTORNEY AND COUNSELOR AT LAW, Atlantic Building, 928 F Street, Room 112, Washington, D. C.

Having been Third Auditor U. S. Treasury for six years, I am thoroughly familiar with the course of business before the Executive Departments at Washington. Special attention given to the settlement of Officers' Accounts, Claims for Pension and Bounty, Claims of Contractors, and generally all business before any of the Departments, Congress or the Court of Claims. Refers to Gen. W. S. Rosecrans, Register U. S. Treasury, Washington, D. C.; Hon. W. P. Canaday, Sergeant at Arms, U. S. Senate, Washington, D. C.; Gen. O. O. Howard, U. S. Army.

JOSEPH GILLOTT'S STEEL PENS.

GOLD MEDAL, PARIS EXPOSITION, 1889.
THE MOST PERFECT OF PENS.

\$25,000.00 IN CASH TO SMOKERS OF

TANSILL'S PUNCH 5¢

Address R. W. TANSILL CO., CHICAGO.



CORRUGATED FLUES



**SEAL OF
North Carolina
PLUG-CUT
SMOKING TOBACCO.**

The undisputed leader of Plug-cut Smoking Tobacco throughout the world.

The Finest Sun-Cured Tobacco Grown in North Carolina.

Granville County, North Carolina, is universally noted for the sweet, superior-flavored leaf produced there. When sun-cured this Tobacco is unsurpassed anywhere in the world. Tobacco, like liquor, improves with age, and by storing the sun-cured Granville County leaf for several years, we obtain the superior tobacco used in this celebrated SEAL OF NORTH CAROLINA PLUG-CUT. It is cut from the plug, and makes a cool, delicious smoke which will not bite the tongue.

Beware of imitations. The original bears our firm's name:

MARBURG BROS., Baltimore, Md., U. S. A.

BOYLAN MANUFACTURING CO., LIMITED.
Successor to W. C. BOYLAN,
MILITARY CLOTHIERS,
PARTICULAR ATTENTION GIVEN TO
ARMY, NAVY, AND NATIONAL GUARD UNIFORMS,
No. 34 Howard Street, New York.

Do you Plant Seeds? Send to D. M. Ferry & Co., Detroit, Mich., for their Seed Annual.

Established 1867.
NORDDEUTSCHER LLOYD S. S. CO.

THE SHORT ROUTE TO LONDON.
Sailing every WEDNESDAY and SATURDAY.
NEW YORK to SOUTHAMPTON in seven to eight days, connecting there with frequent trains for LONDON, landing passengers and mail, and proceeding without further delay to BREMEN, making the run in 24 HOURS. The company's fleet consists of the following steamers:
LAND, Capt. H. H. WEISS, Capt. Pohle,
ALBERT, Capt. Christoffers, TRAVE, " Busius,
SAALE, " Richter, " Rander,
SIDER, " Fulda, " Ringk,
THALENBURG, SPEE, " Willigerod,
HARV, Capt. Jungst.

All fast steamers, able to accommodations and 8,000 to 10,000 p. b. tons of steel, of the latest and most modern type, with unequalled Cuisine and Cabin accommodations, and owing to their powerful engines, able to maintain high speed in nearly all weather thus arriving with great regularity. For further information apply to

OELRICHS & CO., 2 Bowring Green.

POWDER.
(Orange Mills) Established, 1859

Orange Rifle,
Orange Lightning,
Orange Ducking,
Orange Special
Military, Mining, and Blasting Powder

Electric Blasting Apparatus
Manufactured and for Sale by

LAFLIN & RAND POWDER CO.
29 Murray Street, New York.
Armories and Magazines in all parts of the country

Send postal card for illustrated descriptive pamphlet, showing size of grains of Powder Mailed FREE.